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IMLAY'S SEEDS PLANTS FLOWERS

1914

THE IMLAY COMPANY

54 NORTH FIFTH STREET

ZANESVILLE, OHIO

Imlay's Thirty-first Annual Catalogue

OF HIGH CLASS

Seeds, Bulbs, Choice Plants and Shrubs

A Silent Solicitor for Your Business. Selling Only the Best Tried Varieties.

TERMS AND INSTRUCTIONS FOR ORDERING—Our terms are cash with the order. Do not ask us to ship C. O. D. unless a part of the amount is sent with the order. We acknowledge orders as soon as received, and the same are filled and shipped as promptly as possible. Bill of Lading for every freight shipment is mailed when shipment is made. Small orders to go by mail or express are, as a rule, sent out at once without special acknowledgement. Please use order sheet found in catalogue in making out your order, and retain a copy. We have six railroads at Zanesville and two interurbans.

NO CHARGE FOR PACKING OR PACKAGE, except for a few items like grass seed, where bags are extra, at cost.

PREPAID STATIONS—If there is no agent at your railroad station, the freight has to be prepaid, and in such cases we must request you to send money with your order to cover the amount.

ORDER EARLY—Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush of the spring shipping, and second, our assortment is complete early in the season and your order will not have to be held while we write you for permission to substitute for varieties that may be sold out.

PRICES—Prices are quoted by the packet, ounce, and quart. They are the ruling prices at this date, subject to change, and do not include cost of transportation, except as noted below.

POSTAGE—We send postpaid, to any postoffice in the United States, all packets of Flower and Vegetable Seeds, (Beans, Peas and Corn excepted). On all seeds by weight 10c lb. must be added for postage. On Corn, Beans and Peas, 10c per pint and 16c per quart must be added for postage. All seeds or plants by express or freight will be sent at the expense of the purchaser. If sufficient postage is not inclosed, the quantity will be reduced to cover the cost of mailing or expressage.

25 CENTS WORTH OF SEEDS EXTRA is allowed on each One Dollar order sent for Seeds in retail packets. This premium (allowed on all cash orders) can be selected only in Seeds by the packet. The prices quoted for Seeds by weight and measure, also on Bulbs, are net.

WARRANTIES—Seeds of best quality will often fail through improper treatment. Thus, a small seed may be sown so deeply that the young plant cannot reach the surface. More failures result from disregard of the conditions necessary to germination than from inferiority of the seeds used. For such reasons we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

CHANGE ADDRESS—Since the introduction of the many rural routes, we find many addresses incorrect, we therefore request our customers to notify us of any change in the postoffice address.

January, 1914.

THE IMLAY COMPANY.

PARCEL POST RATES do not apply on shipments of Seeds, Plants and Bulbs.

The postage on them is eight cents per pound throughout the United States.

New and Desirable Vegetables

A REAL STRINGLESS BEAN.

Keeney's Stringless Refugee. There are a number of beans that are "stringless" when the pods are young, but this remains stringless until past condition for table use. A boon to housekeepers, having the delicious sweetness of the old Late Refugee. 10c package, 15c pint, 30c quart.

CUCUMBERS.

Chicago, or Westerfield Pickling. The fruits of this very desirable sort are medium in length, pointed at each end, with very large and prominent spines. The color is deep green. A very prolific variety, and one of the best for those who want crisp, coarsely spined pickles. 5c package, 10c ounce, 25c quarter pound.

NEW EARLY CABBAGE.



Copenhagen Market.

Copenhagen Market. (See cut.) The earliest large round-headed cabbage yet introduced. Head exceptionally large for so early a variety, very solid and of most excellent quality. Plant vigorous and compact, with short stem and few outer leaves which are of rather upright growth. Leaves medium light green, nearly round, comparatively thick and smooth. Most excellent sort, both for the home garden and market gardening trade. 5c package, 30c oz.

Glory of Enkhuizen. Comparatively new second early variety, very sure heading and of exceptional quality. Plant of vigorous growth, with large rather spreading outer leaves, noticeably curved and frilled. Head globular or nearly round, very solid and large size for so early a variety. 5c pkt, 25c oz.

THE NEWEST PEPPER.

Pimiento. The seed of this desirable sweet pepper was given us a few years ago for trial, with cultural directions the same as pepper or egg plant. Sow early, in the house or hotbed, transplanting outside at end of May. The fruit is bright red, shaped like a tomato, one and a half to two inches in diameter, flattened at ends. Vines are very productive, and fruit can be used either ripe or green, the flavor being better than the imported Pimiento. As a stuffed pepper with cabbage, celery, etc., or stuffed with hashed meat or ground with cheese for lunch sandwiches, it proves an elegant condiment. We are offering seed for the first time, no other catalogue listing it. 10c packet.

FOUR SUPERIOR PEAS.

Thomas Laxton. The leader of the extra earlys. It outranks all other extra early wrinkled varieties in hardiness and productiveness. It has all the delicious sweetness of the Gradus, and comes into use fully as early as any of the "extra earlys." In addition, it is of stronger constitution, is hardier, and therefore can be planted much earlier. It is most prolific, the yield of peas to the quantity of pods gathered being phenomenal. The pods are large and shapely, of a rich dark green color, and filled from end to end with seven or eight very large white-seeded wrinkled sugar peas, the flavor of which is unsurpassed by any other pea in cultivation. Vines from three to three and one-half feet high. 10c packet, 20c pint, 35c quart.

Little Marvel. (See cut.) An English pea that has come to stay—in fact, it is conceded by those who have grown it to be the best dwarf early on the market. When it is better known, it will supersede all other dwarf early sorts. Its strong point is its tendency to bear large crops and its high quality. It is fully as early as American Wonder or Nott's Excelsior. Vines about fifteen inches in height, heavily set with pods two and one-half to three inches in length, filled with six to seven large dark green peas. 10c packet, 20c pint, 35c quart.

Laxtonian. This handsome new wrinkled pea is the largest podded of the dwarf varieties. The beautiful dark green pods are similar to Gradus in shape and splendid quality, are very nearly as large in size and mature a little earlier. The vines are vigorous and productive, averaging fifteen to eighteen inches high, with dark green foliage. The very long and dark green pods commend the variety to market gardeners, and the size, color and unsurpassed quality of the green peas make them especially desirable for the table. 10c pkt, 25c pint, 50c quart.

Dwarf Defiance. (Sutton's.) Midseason, large pod dwarf pea, considered the best main crop variety. The dark green pods are often equal in size and fullness to the Tall Telephone, and under favorable conditions the yield will bear comparison with any tall sort. The peas are large, and in flavor and sweetness rank with the very best. 10c packet, 20c pint, 35c quart.



Little Marvel.

A DESIRABLE RADISH.

Vick's Early Scarlet Globe. Unequalled by any other sort. It is handsome in both form and color, a beautiful oval and a rich scarlet. The flesh is crisp, tender, juicy and mild. The amount of foliage is small, compared with other varieties, and small for the size of the radish, making it a particularly attractive market sort. As a forcing variety it is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. Vick's Early Scarlet Globe is the best all round radish on the market, and valuable for both the home garden and the man who grows radishes for market. 5c packet, 10c ounce, 25c quarter pound.

TOMATO.

Chalk's Early Jewel. One of the best early tomatoes yet introduced. Vigorous vines, very productive, fruits deep scarlet red, nearly round or somewhat flattened, smooth, of large size and most excellent quality. They ripen very early, and pickings continue through a long season. 5c packet, 25c ounce.

VEGETABLE SEEDS.

If ordered by mail, please add 10c. per pound for postage.

ASPARAGUS.



Palmetto.

Set the plants in rows from three to four feet apart and two feet in the rows, spreading out the roots and covering from six to eight inches. On the approach of winter cover with manure or compost; fork the beds early in the spring and apply a dressing of salt at the rate of 600 lbs. an acre. One ounce of seed sows sixty feet of drill. About 400 plants to the ounce. By purchasing good strong plants, one to two years' time is saved. A bed 15x50 feet, requiring 100 plants, supplies a family.

Roots by mail postpaid—50 for 70c, 100 for \$1.25. By express, not prepaid, 100 for 75c, 500 for \$3.50, 1000 for \$6.00. Seed, 5c packet, 10c ounce, 60c lb. Postage 10c lb. extra.

Palmetto. (See cut.) Early, a good yielder and even grower—the standard variety.

Early Argenteuil. Early, larger and better than Colossal, with a superb flavor.

Barr's Mammoth. Very large and uniform, rapid growth, and very light in color.

BEANS.

Plant about the middle of April if the ground is warm and the season favorable, and at intervals throughout the season for a succession finishing about the 15th of August. The best mode of culture is in rows, two feet apart and the beans two inches apart and two inches deep in rows. Keep well hoed and draw the earth up to their stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop. One quart will sow 100 feet of drill. One and one-half bushels to the acre.

DWARF WAX, YELLOW POD, SNAP OR STRING.

10c Package, 20c pint, 35c quart. Postage extra, 10c pint, 16c quart.

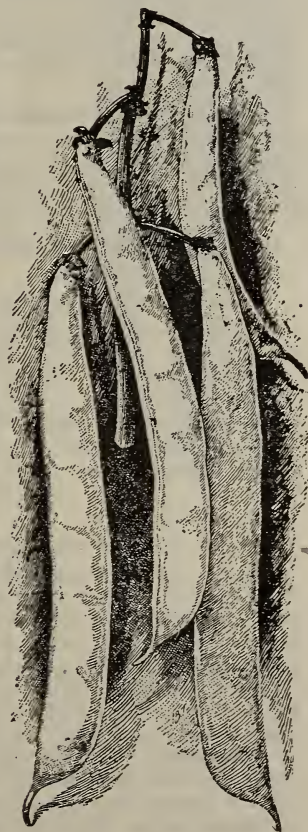
Michigan White Wax. (See cut.) New white-seeded wax bean of the highest quality. Vine is large, robust and vigorous, with heavy foliage, and the pods are produced in great abundance, uniform in size, while the color is a very attractive light golden yellow. Dry beans are as handsome and useful as any of the staple white varieties.

Challenge Dwarf Black Wax. Unexcelled in quality, the first to give a full picking of pods—the best early wax bean for the market garden. Pods are clear waxy-white, quite round, very fleshy, crisp, tender and stringless. Dry bean jet black, long, curved and flat.

Improved Golden Wax. Long pods, nearly straight, flat, broad, golden yellow, very fleshy and waxy. Beans medium size, white with purple shading.

Wardwell Kidney Wax. Very hardy and best variety for long distance shipping. Prolific bearer, long flat pods, dry beans kidney-shaped.

Detroit Wax. Rust proof and splendid shipping sort, with long, straight, handsome pods that keep a long time without spoiling.



Michigan White Wax.

DWARF SNAP OR BUSH BEANS—GREEN PODS.

10c package, 15c pint, 25c quart. Postage extra, 10c pint, 16c quart.

Stringless Green Pod. (See cut.) It has every good quality of the Valentine, and about a week earlier. The pods are straight and longer, fully as round and fleshy, and entirely free from strings—one of the best varieties.

Early Red Valentine, Improved Round Pod. There is nothing better for snaps among the green-podded sorts. Many strains are offered under slightly varying names, but our old stock combines all the good qualities of many of the green-podded sorts.

Extra Early Refugee. An early green pod of fine quality, one to two weeks earlier than ordinary Refugee.

Early Mohawk. Stands the cold. The pods are five to six inches long, and the ripe seeds purple with white spots.

Longfellow. Extra early snap bean of high quality, exceedingly prolific, long green pods, always solid, round, tender, and of delicious flavor, without strings until the pods are quite old.

Giant Stringless Green Pod. A few days later in maturing than the Stringless Green Pod, a little longer and straighter pods, small and light green leaves, long, slender and yellow seed of good quality.

Refugee, or Thousand-to-One. Rather late in bearing. Beans are a dull yellow in color, and spotted and speckled with purple. Pods thick-fleshed and much used for pickling.

GREEN PODS FOR SHELLED BEANS.

10c package, 20c quart.

Large White Marrow or Mountain. Extensively grown for winter use. Beans are large, clear white, cooking very dry and mealy.

White Kidney. (Royal Dwarf.) Excellent shelled bean for succotash, and one of the best for winter use, unsurpassed for baking.

White Navy or Pea. Well known productive and standard sort.

Red Kidney. Its name indicates shape and color—a superior winter shelled bean, the old and standard variety, much used for canning.

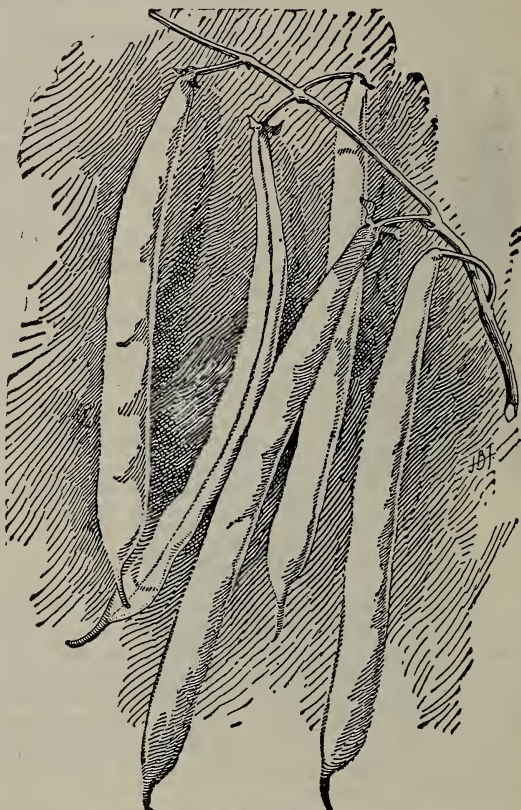
BUSH LIMA BEANS.

Price 10c package, 20c pint, 35c quart. Postage extra, 10c pint, 16c quart.

Burpee Improved. Magnificent pods five to six long by one and a quarter inches wide, both pods and beans being much larger and ready to use eight to ten days earlier than Burpee's Bush Lima, while the beans, green or dry, are nearly twice as thick. The green beans, measured in the field, were one and a quarter inches long by seven-eighths wide and three-eighths thick.

New Wonder. Fine new bean introduced by Dreer, similar to Dwarf Large White Lima, but pods are larger, more in center of the vine, and mature a little earlier. The bush is less inclined to form runners, and is more productive.

Fordhook. Entirely distinct in habit of growth, the stiffly erect bushes branching freely and bearing tremendous crops. Ready for use as early as the popular Burpee, but the beans are much plumper, remain green much longer, closely packed in the pods, and shell easily. Pods in clusters, 4 to 5 inches long, and contain usually four tender and juicy beans of delicious flavor.



Stringless Green Pod.

POLE OR RUNNING BEANS.

All under this head require poles eight to ten feet long, and should not be planted until the soil is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles four feet apart each way and plant four to six beans one inch deep around each pole; thin out to three plants to the pole if the soil is rich; pinch off the ends when the plants over-run the tops of the poles to effect more perfect growth below. They succeed best in sandy loam with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted. One quart will plant fifty hills.

10c package, 20c pint, 35c quart. Postage extra, 10c pint, 16c quart.

Golden Cluster Wax Pole. Undoubtedly the earliest of pole varieties, seven to ten days behind Dwarf Golden Wax. Begins to bear early and continues until frost. Pods from six to eight inches long, borne in clusters of three to six, and produced most freely. They are stringless, very tender, delicious flavor, white seed.

Lazy Wife. Best and largest green-podded pole bean, pods four to six inches long, entirely stringless, and rich buttery flavor. Pods remain green and retain tenderness and rich flavor until nearly ripe. White beans unsurpassed for winter use.

Kentucky Wonder. (See cut.) Splendid variety, very productive, green pods in large clusters nine or ten inches long, and excellent for snaps. The dry beans are long, oval and dum-colored. Pods are entirely stringless, tender, sweet, mild flavor. Among the vining snap beans this variety has no superior, and but few equals.

White Kentucky Wonder. Similar to Kentucky Wonder, except the beans are white. Pods are borne in clusters, averaging six to eight inches long, uniformly straight, a dark rich green, and are so very meaty as to be really "saddle-backed." It covers a long season of productiveness, the pods are stringless, tender and sweet, and the dry beans are of a pearly whiteness. Sometimes called Burger's Greenpod Stringless.

Mammoth Podded Horticultural. Immense pods are striped and splashed with brilliant crimson. The beans are largest size, fine quality, and similarly colored and marked.

POLE LIMAS.

Siebert's Early. For earliness, ease of shelling, size, beauty and quality, this variety is far in advance of all others. The yield is enormous from the first to the last of the season. Beans are of immense size, tender and succulent. Recognized as the best Lima for market or garden.

Early Leviathan. New—the best early pole Lima. The pods are of immense size, equal to the main crop varieties, well filled and usually produced in clusters of five to eight, while the flavor is excellent.

King of the Garden. Vine is very vigorous and productive. pods of largest size, filled with four or five immense white beans of fine quality and flavor.

Ford's Mammoth. Vines of strong growth and very productive. Pods in clusters, producing until frost. This is possibly the best strain of old type Lima.



Kentucky Wonder.

BEETS—MANGEL WURZEL.**FOR STOCK OR CATTLE FEEDING.**

If ordered by mail, add 10c per lb.

Golden Tankard. Contains more sugar and less water than any other kind under cultivation. Deep yellow in color, large size and exceedingly productive. 5c oz, 15c $\frac{1}{4}$ lb, 50c lb.

Giant Long Red. Roots are of immense size, very smooth and regular, and fine for stock feeding. Often advertised under various high-sounding names, such as Colossal, Improved Mammoth, Prize, etc. 5c oz, 15c $\frac{1}{4}$ lb, 50c lb.

Improved White Sugar. Attains a very large size, grows considerably above the ground, and is very fine for feeding. 5c oz, 15c $\frac{1}{4}$ lb, 50c lb.

GARDEN BEETS FOR TABLE USE.

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hot-beds and transplant; but for main crop sow in the spring, as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep. For Winter use the Turnip varieties may be sown as late as June and the seed covered two inches. When the plants are 3 or 4 inches in height thin out so that they stand 3 or 4 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits, same as potatoes; dry earth thrown over them before the straw is put on insures their keeping over winter. Do not bruise them in handling. One ounce of seed will sow 50 feet of drill; 5 to 6 pounds to the acre. Ready for table 40 to 75 days from sowing.



5c package, 15c ounce, 50c quarter pound. Postage 10c lb. extra.

Crosby's Improved Egyptian. Handsome form, good size, few and small tops, fine quality, deep blood red color, quick and rapid growth, takes on its turnip shape and looks well even in the early stages of growth, and does not become woody or tasteless.

Detroit Dark Red Turnip. By far the best red turnip beet in cultivation. Very handsome, perfect in form, beautiful deep bright red color, crisp, tender and sweet, early to mature and holding a long time in condition to use.

Improved Eclipse. Pronounced by many gardeners the earliest and best. Finest color, globular, very small tops, sweet, crisp and tender when young.

Edmand's Blood Turnip. Very uniform, root always smooth, round and handsome, small top, of good marketable size, dark red color, crisp, tender, good keeper.

Bassano. Large tops, bright red leaf stems, light green leaves, large roots, round and turnip-shaped, pink flesh zoned with white.

CARROTS.

Select a deep, sandy loam, made rich by manuring the previous year, if freshly manured, the roots grow pronged and ill-shaped. Sow in drills 18 to 24 inches apart and one-half to one inch deep, pressing the earth evenly over the seeds. One ounce will sow 100 feet of drill; three to four pounds to an acre.

5c packet, 10c ounce, 25c quarter pound.

Danvers Half-Long Orange. (See cut.) Flesh dark orange, smooth, handsome roots of medium length, tapering uniformly to a blunt point, flesh sweet, crisp and tender, very productive.

Early Scarlet Horn. Not large, but a favorite for the early crop. Small top, stump-rooted, orange flesh and fine grain.

Chantenay Stump-Rooted. Very early and productive, always smooth, orange red, flesh crisp and tender.

Improved Long Orange. Grows to very large size, some of the specimens averaging twelve inches; best for stock.



CRESS, OR PEPPER GRASS.

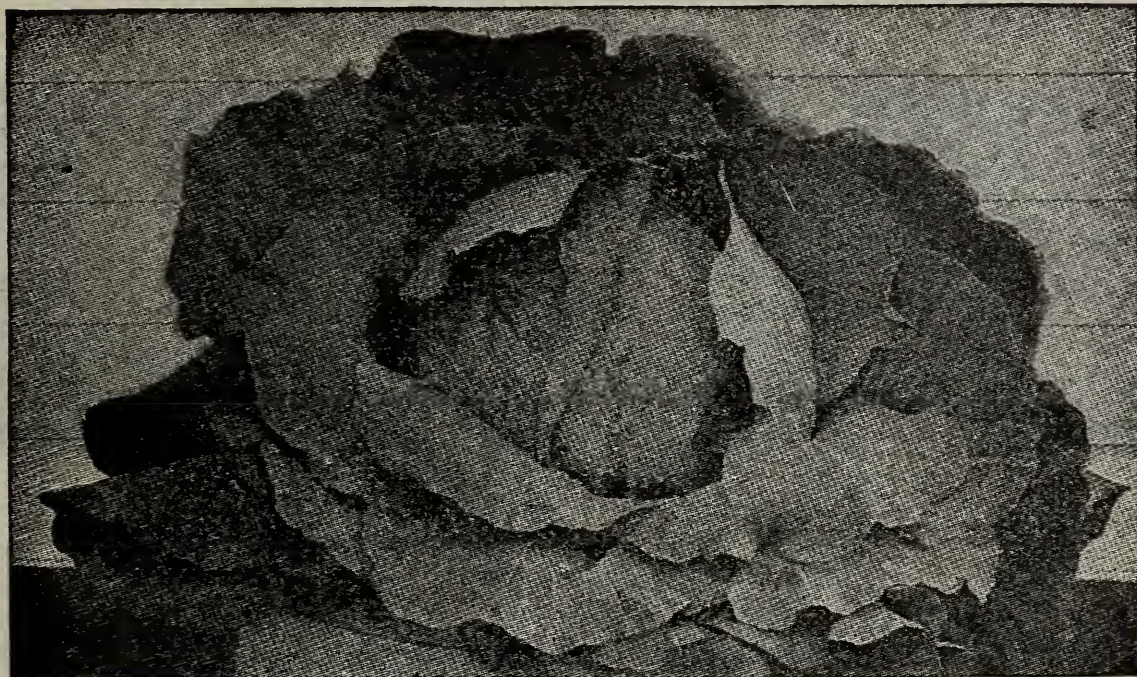
This is used as a salad. It should be sown at close of winter broadcast or in rows at 10 inches, and the sowing repeated every two weeks.

Fine Curled. Very superior variety, and will bear cutting several times. It gives a pungent relish to lettuce and other salad plants. 5c packet, 10c ounce.

CABBAGE.

The ground must be highly manured, deeply dug, and thoroughly worked to insure good, full-sized heads. A heavy moist and fresh loam is the most suitable. Sow early in the spring in hot-beds or later in the open ground. Plant out 18 inches by 2 feet apart. The late varieties are usually sown about the middle of May, and the plants are set out in July in rows three feet apart and two feet apart in rows. 1 ounce for 40 feet of drill will produce about 2,000 plants. 6 oz. to acre.

Packet, 5c; 20c ounce.



FIRST EARLY CABBAGES.

Selected Early Jersey Wakefield. The leading early variety, conical heads, solid and compact, outer leaves thick and heavy. Winters well, but liable to burst.

Charleston, or Large Wakefield. Large and solid heads, weighing 15 to 18 lbs., not so pointed as Jersey Wakefield, nor as liable to burst, but a week later.

Early Dwarf Flat Dutch. Best early flathead variety, very solid heads, broad and round, flat on top, tender and fine grained.

Early Winnigstadt. A distinct early sort, and one of the best; very hardy, little subject to wet or drouth, insects or disease; sure header, uniform size, conical, very solid.

SECOND EARLY, OR SUMMER CABBAGES.

Henderson's Early Summer. Very early, large heads, flat or slightly conical, and keeps long without bursting. Valuable for both family and market.

Succession. (See cut.) Intermediate between Early and Late Flat Dutch, and nearly twice as large as Early Summer, but a week later. Very sure header, and as the outer leaves very short, can be planted nearly as close.

LATE VARIETIES OF CABBAGE.

Large Late Flat Dutch. For a large, heavy, hard and smooth-leaved late ripening cabbage, no strain is superior, and few equal. Leaves are feathered to the stalk, slightly fluted or twisted on the outer edges, clear green with a gray or ashy shade, and when frost strikes the outer leaves they often become dashed on the margin with faint tones of red and purple. Head thick, broad, solid, and slightly rounded on top.

Hollander. (Improved Danish Ballhead.) Hardest heading variety known, and remarkable for its great weight and long keeping qualities.

Autumn King or World Beater. Enormous heads as solid as a rock, producing more weight from the same ground than most late sorts.

Louisville Drumhead. Grown largely by gardeners in the southwest, stands hot weather better than most other sorts, and is a sure cropper.

Surehead. A compact general crop variety.

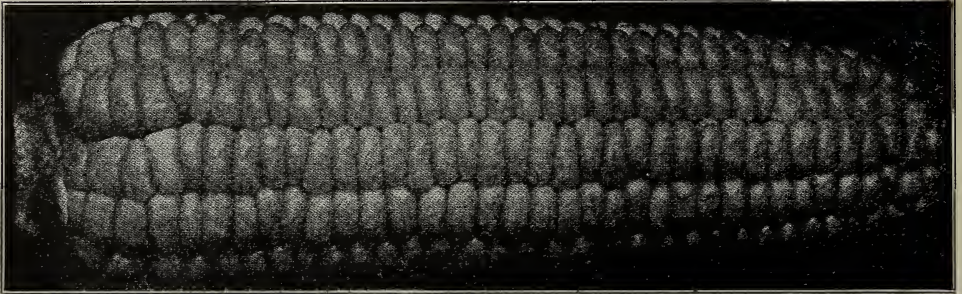
Improved American Savoy. Peer of all Savoy, large and very solid heads, fine and delicate flavor, dark green leaves beautifully curled and crimped.

Mammoth Red Rock. Large, round, solid and deep red in color.

CORN—SWEET.

Sweet Corn should not be planted very early in the season, for it will not make any progress until the weather is warm, and will be very apt to rot. It will decay in places where our common field Corn will grow, and the sweeter and purer the less hardship it will bear. Always select a warm soil for Sweet Corn, if possible, especially for the early varieties, as the difference in soil and exposure will make a week's difference in the time of maturity, besides insuring the crop. Plant in hills, three feet apart for the earliest varieties, and three and a half to four feet for the late ones. One quart will plant 200 hills; 8 to 10 quarts for an acre in hills.

5c package, 10c pint, 20c quart. Postage, 10c pint, 16c quart.



Metropolitan Sweet Corn.

FIRST EARLY VARIETIES.

Metropolitan. (See cut.) For very early, it is the best, the largest, the sweetest, and the biggest yielder. Strong stalk, 5½ feet high, leaves narrow and very dark green, two to three ears to the plant, all set low, uniformly nine inches long, ten to twelve rows, well filled to the tip with large, deep and tender grains.

Premo 60-Day. Five to seven days ahead of any other, superior in size, quality, and yield. Grows about five feet, generally bearing two well developed ears, and can be planted as soon as the ground begins to warm.

Golden Bantam. Very early, with tender golden yellow grains, eight-rowed ears, six to seven inches long, flavor exceptionally rich and delicious.

Burlington, or Early Adams. Smooth and creamy white grain, ears low down.

Extra Early Adams. Very early and more the quality of field corn. 60 days.

MEDIUM AND SECOND EARLY.

Kendel's Early Giant. Ears average seven inches in length, thick through, with ten or more rows of large grains of rich, sugary flavor. Earlier than Crosby.

Shaker's Early. Splendid market sort, large ears, stalks six feet high in good soil, usually bearing two large ears of most delicious flavor.

Eight-Row, or Early Sugar. Long, slender ears, white, tender and sugary grains. Comes in about 68 days.

Early Evergreen. Two weeks earlier than other Evergreens. 70 days.

LATE OR MAIN CROP VARIETIES.

White Evergreen. Large ears, slender, pure white grains, delicious sweet flavor.

Stowell's Evergreen. For family use, market or canning it is unexcelled. Very heavy yielder, large ears, tender and sugary grains. 75 days.

Country Gentleman. Very small cob, and the kernels are deep and irregular, the sweetest and most tender of all varieties. 70 days.

Zig-zag Evergreen. Very sweet, two to four ears to the stalk. Very productive, and fine large-eared late corn. 70 days.

Mammoth Late Sugar. Largest ears and sweetest grains, and great for fodder.

POP CORN.

10c ¼ lb., 15c ½ lb., 25c lb. Postage 10c lb. extra.

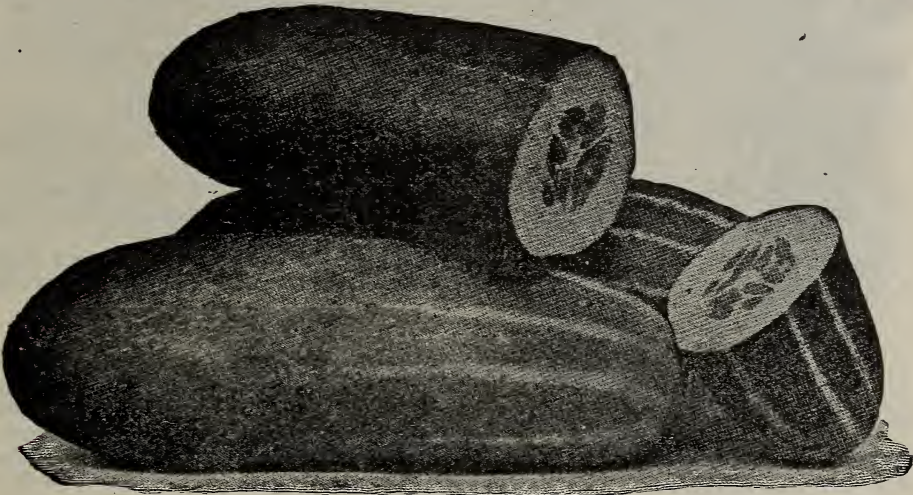
Rice. Very handsome variety, short ears, grains pointed and resembling rice, color white, very prolific, bearing several ears on each stalk.

Queen's Golden. Stalks five to six feet high, bearing two or three large ears, pops creamy white, and a single kernel will often expand an inch.

Silver Lace, or Pearl. Smooth white grain, a heavy producer and fine popper.

CUCUMBERS.

As soon as the weather becomes settled and warm, plant in hills four to six feet apart each way, with eight or ten seeds in a hill; cover half an inch deep, smoothing the hill off with the hoe. When the plants are out of danger of insects, leave three or four plants to a hill. Seed may also be sown in rows six feet apart and the seed every few inches in the row. When danger from bugs is past they must be thinned to three or four feet apart. This latter way of planting insures a good "stand," as the bugs cannot take all of them. Four or five moth balls placed in a dish or pan and set close to the hill are said to drive away bugs. For pickles, plant from 1st of June to 1st of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. Cucumbers under glass turn yellow quickly, sometimes from over-feeding and from the use of manures that are quick; on this account cow manure is preferred to horse manure. One ounce of seed will plant 50 hills; one or two pounds per acre.



5c package, 10c ounce, 25c quarter pound.

Arlington, or Extra Early White Spine. (See cut.) All market gardeners know the value of this selected and fixed early strain, especially for forcing. Smooth, striaght fruit, excellent for slicing, a prolific bearer and makes a choice pickle.

Davis Perfect. Excellent for both outdoor and forcing, fruits eleven to twelve inches long, slim, slightly pointed, dark glossy green, very brittle, tender and fine flavor.

Early Green Cluster. Vigorous vines, producing the crop in clusters near the root. Fruit short, holding full size to each end, dark green, but paler at the blossom end.

Jersey Pickling. Popular sort, very productive, slender, long and cylindrical.

Early Frame, or Short Green. Derservedly popular, of medium size, for early use.

Extra Long Evergreen, or Bismark. Cross between Long Green and White Spine, dark in color, slender, early, strong and vigorous grower, withstanding drouth and very productive, bearing abundantly until frost, a perfect pickle and good for slicing.

Improved Long Green. Well known variety, about one foot in length, dark green, firm and crisp. Young fruit fine for pickles, and large best for sweet pickles.

Gherkin. Bur cucumber, used entirely for pickling.

CORN SALAD, OR FETTICUS.

Sow broadcast or in 10-inch rows in autumn for cutting at the close of winter, or sow at the close of winter for early spring use. When sown in autumn cover very lightly with the lightest hay—the merest protection more will be injurious. One ounce for twenty square feet; six pounds to the acre.

Large Seeded. Undoubtedly the best variety. 5c packet, 30c ¼ lb.

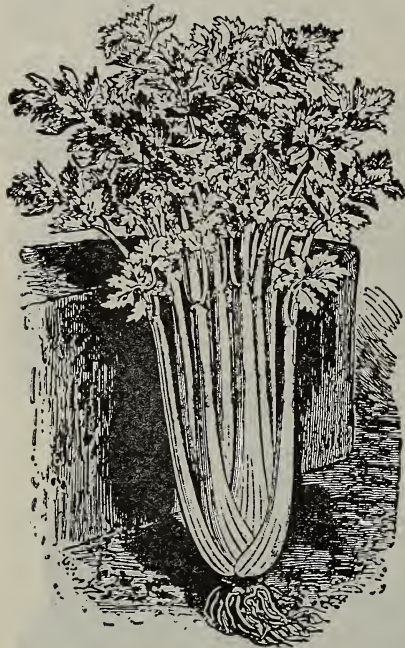
EGG PLANT.

New York Improved. Leading market variety everywhere. Robust plants and leaves and stems are spineless. As the plant is very tender, amateurs often fail with it. Should be sown early in hotbed and transplanted in rich, warm soil, and cultivate like cabbage. One ounce for 2000 plants. 5c packet, 40c ounce.

CELERY.

Sow the seed in open ground as soon as fit to work in April, or for early use in hot bed or cold frame. Cover very lightly. Rolling or pressing in the seed has been found more satisfactory than covering. Cut the tops off once or twice before planting out, to make them stocky. When the plants are five or six inches high, transplant the dwarf varieties three feet, and the taller sorts four or five feet between the rows. Plant six inches apart in rows. Cultivate well, and when large enough, blanch by earthing up. 1 oz. to 5,000 plants. About $\frac{1}{2}$ lb. per acre.

5c packet, 20c ounce.



White Plume.

Early Snowball. (See cut.) The outer leaves are short, so that the plants may be set eighteen to twenty inches apart. Under favorable conditions nearly every plant will make a fine head of good size. Dwarf habit, and good for early and late crops. 15c packet, 25c $\frac{1}{4}$ oz.

ENDIVE.

Sow in drills and thin. 5c packet, 20c ounce.

White Curled. A beautiful variety, leaves coarse with yellow mid-rib, frequently almost white. Attractive plants bring highest prices.

Broad-Leaved Batavian. Large heads of broad, thick leaves, used for flavoring. When blanched the inner leaves make fine salad.

Green Curled. Very hardy, crisp, tender.

HERBS. Summer Savory, Saffron, Sage, Rosemary, Thyme, Caraway, Balm and Majorum. No garden complete without them. 5c packet each.

KALE, OR BORECOLE.

5c packet, 15c quarter pound.

Tall Green Curled Scotch. The variety most in use, requires no winter protection.

Dwarf Curled Scotch. Low plant, leaves curled, cut and crimped, resembling moss.

Siberian. Very large leaves, plain in center, coarsely cut and frilled on the edges.

KOHL=RABI. **Early White Vienna.** Same cultivation as cabbage; white, firm, tender, handsome glossy bulb. 5c $\frac{1}{4}$ oz, 20c oz.

LEEK. **American Flag.** Large, hardy, and excellent quality. One ounce will sow one hundred feet of drill and produce 1000 plants. 5c packet, 15c oz.

White Plume. (See cut.) The stalk, inner leaves and heart are white, so that tying up or simply drawing up the soil completes the work of blanching. One of the very best sorts—early, handsome, easily grown and profitable.

Golden Yellow Large Solid, or Golden Self-Blanching. Large heart, solid, excellent keeper, and valuable to the market gardener as well as the amateur. 15c packet, \$1.00 oz.

Pink Plume. Most delicious flavor, crisp and nutty, solid and succulent stalks of ivory white suffused with dainty pink.

Dwarf Golden Heart. Distinct variety of sturdy habit, excellent keeper, fine nutty flavor, and very desirable.

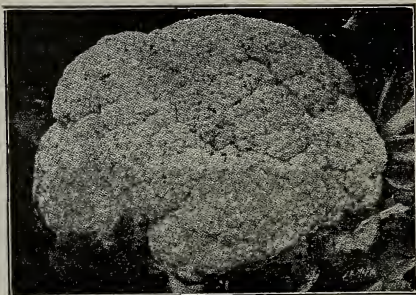
Giant White Solid. The best large white, solid stalk, very quick growth, stiff and close habit, fine crisp flavor.

Giant Pascal. Yellow heart, very meaty.

Celeraic. (Large Prague.) Turnip root.

CAULIFLOWER.

Any soil that will grow cabbage will produce cauliflower, as the culture is the same, but it needs a cool and moist atmosphere and should be watered in dry weather. As the flower heads appear the large leaves should be broken down over them as a shield from sun and rain. One ounce to 3000 plants.

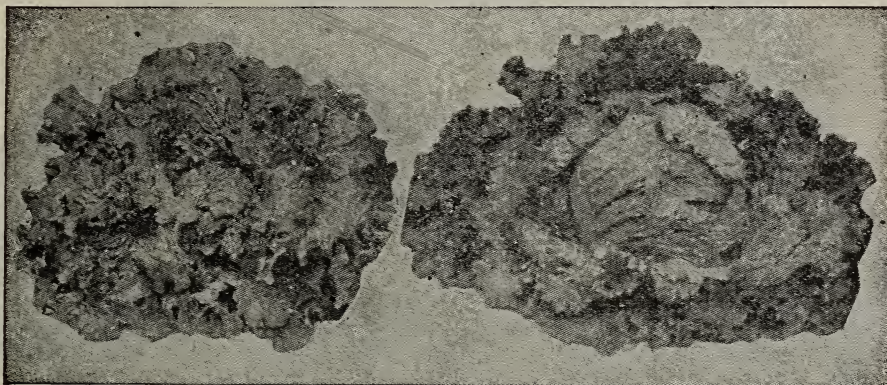


Early Snowball.

LETTUCE.

A very rich soil is necessary to produce fine Lettuce. Its crisp and tender quality depends very much on luxuriant and vigorous growth. The earliest sowing may be made in March, under glass, with slight heat. Keep the plants thin and admit plenty of air to the frame every fine day. For later supplies, sow in the open ground as soon as the season will permit; transplant or thin out the plants to a foot apart and keep well cultivated. The early forcing varieties, if sown in the open ground, are apt to run quickly to seed, so the later varieties are more suitable for summer use. One-half ounce will sow 100 feet of drill.

5c packet, 10c ounce, 25c quarter pound.



Black-Seeded Simpson.

Improved Hanson.

CABBAGE, OR HEADING VARIETIES.

Improved Hanson. (See cut.) White seed. Heads grow to remarkable size, very solid, bright green outer leaves, while the inner head presents a white appearance, as if blanched. Tender, free from any unpleasant or bitter taste, and very slow to seed.

Big Boston. Fine forcing variety for cold frames, and produces heads of very large size, often 12 inches across, and succeeds better in a cool temperature than most other forcing varieties. Large heads are beautifully blanched.

California Cream Butter. Black seed. A summer variety, leaves of creamy yellow, rich and buttery to the taste, heads of good size, round, solid and slow to go to seed.

Maximum, or Immensity. Wonderful heat resister, and remains a long time, even in the hottest weather, without going to seed; green on the outside, yellow in center.

Early Prizehead. A mammoth plant, in which even the outer leaves are crisp and tender, remaining so throughout the season. Slow to run to seed, of superb flavor and very hardy, one of the best for family use. White seed.

Salamander, or Satisfaction. Black seed. Forms large, solid, compact heads, and resists summer heat. Leaves long, smooth, thick and very tender, the inner head blanching almost white; excellent for spring, summer and fall.

New Iceberg. White seed. Quick growing, hard and handsome heads, tender and true, large and curly outside leaves of light bright green.

CURLED, OR LOOSE-LEAFED VARIETIES.

Black-Seeded Simpson. (See cut.) Most popular sort—one of the best for under glass and early outdoor planting. Large, loose heads, outer leaves a light, yellowish green, inner leaves blanched to almost white, resisting heat, and remaining a long time in an edible condition.

Grand Rapids Forcing. Black seed. Good for out-doors as well as under glass, large and beautiful leaves, crisp and tender, a very heavy producer, twenty and thirty pounds having been grown under a common sash.

Simpson Early Curled. (Silesia.) White seed. Compact mass of leaves, large and broad, crimped and blistered, light green in color. Needs bottom heat for forcing, and is recommended for cold frames, but is extensively grown in the open.

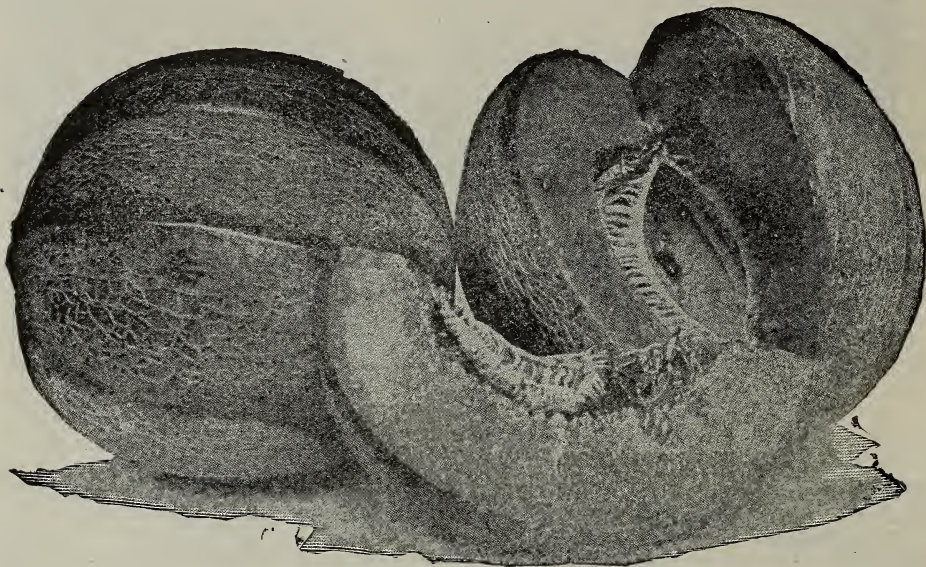
MUSTARD.

White. Stems succulent, sweet and pungent, best for salads and culinary purposes. One ounce to 75 feet of drill. 5c per ounce.

MELONS—MUSK.

Cultivate as recommended for Cucumbers, except that the hills should be six feet apart. Rich earth for the young plants is far better than manure, but if the latter must be used see that it is well rotted. If the plants grow very rank, more and finer fruit will be secured by pinching off the ends of the shoots when about three feet long. The quality of melons is largely dependent upon conditions of growth and ripening. Unhealthy vines or unfavorable weather is sure to result in fruit of comparatively poor flavor. One ounce will plant 80 hills, two pounds of seed to the acre.

5c packet, 10c ounce, 25c quarter pound.



Tip Top Canteloupe.

Tip Top. (See cut.) Every melon produced a good one—sweet, salmon-pink, juicy, fine flavor, firm flesh, eatable to the outside coating, large size, nearly round, evenly ribbed, moderately netted, and the most productive melon known. It is characteristic of its name in every particular.

Burrell Gem. The new Rocky Ford melon—golden salmon meat and lots of it, delicious flavor, sweet and spicy. Average weight is about 2½ pounds, length 6 inches, and thickness 4½ inches, making it an ideal market melon.

Defender. Splendid variety—fruit medium size, oval shape, slightly ribbed, covered with gray netting. Flesh is firm, fine-grained, rich, deep salmon yellow, darker than Osage and of higher flavor; extends to the rind, and retains its color and quality to the quite to the outer shell, which, though thin, is very hard and firm. Vigorous vines.

Long Island Beauty. New green-fleshed canteloupe, fruits of large size, flattened and heavily ribbed and netted, handsome appearance and fine quality, ripens early and somewhat resembles Hackensack.

Rocky Ford. Oval fruit, slightly ribbed and densely covered with coarse netting. Flesh thick, green, very sweet, high flavored, and fruit of the most uniform shape and quality. Originated in the famous melon-growing district of Colorado.

New Early Hackensack. One of the very best green-flesh market melons, large in size and attractive in appearance, very productive, netted, and grown exclusively in some sections.

Hackensack, or Turk's Cap. Very large fruit, flattened and globe-shaped, with ribs of irregular width, coarse flesh, sweet, and of the finest flavor.

Casaba, or Green Persian. One of the largest and best, fruit long and oval, and a little pointed at each end, green flesh and very sweet.

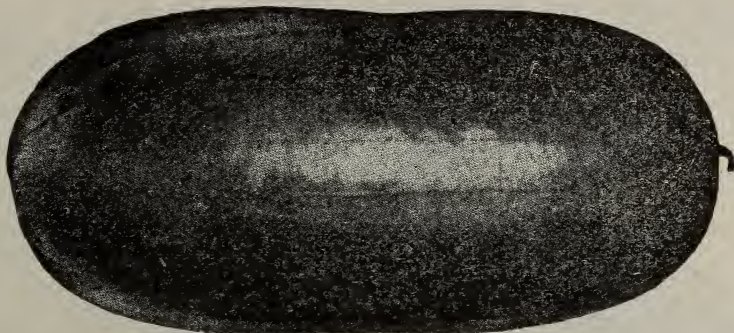
Osage, or Miller's Cream. Very thick flesh of deep salmon color, very sweet, and a most attractive sort for the market.

Montreal Green. Excels all the other nutmegs in size, sometimes weighing thirty pounds. Very uniform in shape, netted, and green flesh of fine quality.

MELONS—WATER.

In order to get good water melons, it is essential that the plants get a good start, and to this end it is important to prepare hills about eight feet apart, by thoroughly working into the soil an abundance of well rotted manure, and in this plant the seed as soon as the ground becomes warm and dry. One ounce of seed for 30 hills; four to five pounds to the acre.

5c packet, 10c ounce, 25c quarter pound. Postage 10c lb. extra.



Tom Watson.

Tom Watson. (See cut.) Produces fruit 18 to 24 inches long by 10 to 12 inches in diameter, and weighing 50 to 60 pounds. Dark green rind is tough but thin, and easily stands shipment. Deep red flesh extends within three-quarters of an inch of the rind, is crisp, melting, fine flavor, with no sign of core. Brown seeds tipped with white. Claimed to be the finest melon Georgia ever produced.

Halbert Honey. Very sweet, long, dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully luscious flavor. The pulp is entirely free from stringiness. White seeds. One of the finest for the home garden.

Sweetheart. Early, large, handsome, heavy, good shipper, long keeper, skin and flesh of splendid color, vine vigorous and productive. Oval fruit is very heavy and light green mottled, bright red flesh, firm and solid, sweet, tender and melting. Keeps longer than any other sort. Dark gray seeds. 90 days.

Fordhook Early. Largest early melon grown—fruit round, outer color medium green, flesh bright red and of fine quality; a good shipper. 75 days.

Cole's Early. Very hardy and sure cropper, delicate in texture, dark red flesh, rind green, striped with lighter shades, thin, very brittle, medium size, nearly round, early.

Kleckley Sweets. Vines strong and vigorous, fruits uniformly large and oblong, 18 to 20 inches in length 10 to 12 inches in diameter, tapering ends, skin rich dark green, flesh bright scarlet, ripening close to the rind, and crisp, sugary and melting.

Duke Jones. One of the largest and most productive, early, solid, red meat, fine flavor, and very heavy yielder. Suitable for home gardens as well as shipping.

Dark Iceing, or Ice Rind. Round form, white-seeded, and can scarcely be praised too highly for solidity, thin rind, and rich, luscious, sugary flavor. Fruit large, dark green, flesh bright red and very rich. 75 days.

Round Light Iceing. Fruit of medium size, very light green, flesh light red and very sweet and tender—considered by many the best of all. 75 days.

Mountain Sweet. Large, oval variety, green rind, scarlet flesh, and quite solid to the center, very sweet and tender—one of the best for the home garden.

Ice Cream, or Peerless. Excellent for home use, medium size, oblong, light green rind, white seeds, with very sweet and melting crimson flesh.

NASTURTIUM. Tall Mixed Garden. Serves as a garnish for dishes, and the young leaves make excellent salad, while green seed pods make excellent pickle. Beautiful orange and red flowers. 5c packet, 10c ounce.

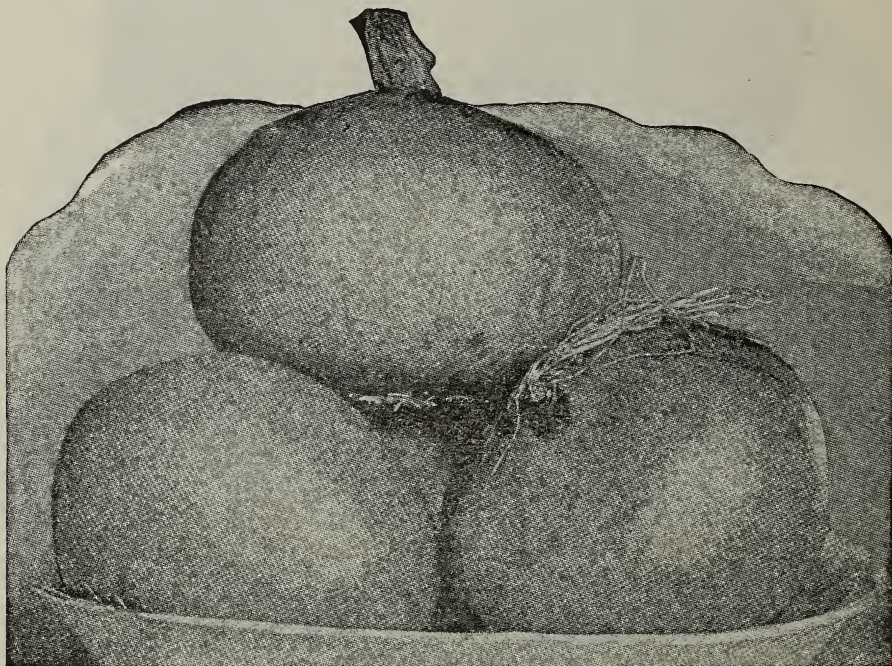
OKRA, OR GUMBO. White Velvet. Decidedly the best variety. Pods are round, smooth, velvety, produced in abundance, and of superior flavor and tenderness. 5c packet, 10c ounce.

PARSLEY. Fine Double Moss Curled. Fine dwarf variety with crimped leaves and invaluable as a garnishing plant. Bright pale green and very handsome. Plain. Leaves flat, deeply cut, but not curled, dark green, hardy and of superior flavoring qualities. 5c packet, 10c ounce.

ONIONS.

One ounce to 100 feet of drill, four to five pounds to the acre. The Onion thrives in rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. As early in the spring as the ground is in working order commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep and a foot apart, cover with fine soil, press down with the back of spade or light roller. If grown to make large Onions, thin plants gradually, so that they stand two or three inches apart. Keep the ground free from weeds by frequently hoeing, taking care not to stir the ground too deeply.

You can grow full-sized Onions the first year from our black seed; for this purpose four or five pounds of seed per acre are required. To raise small sets, forty to fifty pounds of seeds are required per acre.



5c packet, 20c Ounce.

Danvers Yellow Globe. White flesh and comparatively mild in flavor, very productive, good keeper, and considered the best and most profitable market onion. Ours is the very best strain obtainable.

Yellow Danvers Flat. Splendid variety for market or home use. More flat than Globe Danvers, but considered equal in quality.

Large White Globe Southport. Handsomest market variety, making beautiful clean, pure silvery white bulbs of large, even size, globe-shape, mild and pleasant flavor, and outsells every other variety. Good keeper and undoubtedly the best white sort.

Southport Yellow Globe. Same general character as White Globe, but rich yellow.

Southport Red Globe. Medium size, spherical, very deep red, superior quality, flesh fine grained, mild and tender.

Large Red Wethersfield. The standard red variety, for large market crops.

Queen. Silver skin, very quick growth, valuable particularly for pickles.

White Portugal, or Silver Skin. Ripens early, mild and pleasant in flavor, handsome silvery-white skin, for pickling and early winter market.

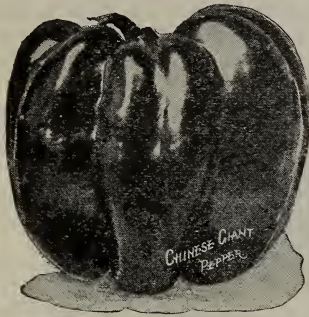
Mammoth Silver King. Enormously large and flat, weighs two or three pounds, snow white flesh, mild and pleasant.

Prize-Taker, or Spanish King. Immense bulb, 18 to 20 inches in circumference, nearly globe-shape, thin skin of straw color, delicate white flesh, the best for fall use, but not so good a keeper as the Danvers.

PEPPER.

Cultivate same as Egg Plant, except that Peppers may be transplanted one foot apart in 18 inch drills. Guano, hen dung or other concentrated manure, hoed into the surface soil when the plants are about six inches high, will not only be found to increase the product wonderfully, but will improve the quality of the fruit.

5c packet, 20c ounce.



Chinese Giant. (See cut.) A magnificent new red pepper, double Ruby King in size, and earlier in ripening. Flesh thick, mild and sweet, vigorous and productive. 5c packet, 25c ounce.

Neapolitan. Earliest, largest and most productive, fruit measuring four inches long and four and a half inches round. Strong, vigorous plants, carrying thirty-five to fifty marketable fruits, bright red, thick-meated, sweet and mild as an apple.

Sweet Mountain. Fruit very large, rich red, flesh very thick, sweet and mild in flavor, well suited for use as a stuffed pickle.

Ruby King. Beautiful color, mild and pleasant, excellent for stuffing or sauce, and profitable for market.

Large Red Cayenne. Bright red, very hot, slim pods, three or four inches long.

Golden Dawn. Beautiful golden bell-shaped sort for stuffing.

Small Chili. Clusters of bright red conical pods, about three inches long and half an inch in diameter, very hot and prolific, ripening early.

PUMPKIN.

One ounce will plant about 25 hills; four pounds to the acre. Pumpkins do best under the same cultural conditions as squash or watermelon. They are generally raised in the cornfields, but may be planted with success in fields by themselves, and will then yield a surprising number of fruits, better in quality than those grown on vines crowded into the cornfield.

Price, 5c packet, 10c ounce, 20c quarter pound. Postage 16c lb. extra.

Sugar, or New England Pie. (See cut.) For pies this variety cannot be excelled. Pumpkins are small, but very sweet, fine-grained, and of the best quality. Skin deep orange and flesh rich yellow.

Sweet Cheese, or Kentucky Field. In flavor it is similar to the crook-neck squash, the skin mottled light green and yellow, changing to creamy yellow when mature, flesh yellow, tender and excellent quality. The fruit is flattened, diameter usually twice the length.

Quaker Pie. Oval shape, creamy color inside and out, fine-grained flesh, very rich flavor, excellent keeper, hardy and prolific vines.

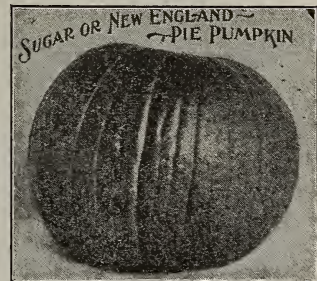
Large Field. This is the Yankee cow pumpkin, the big cropper for corn fields.

Tennessee Sweet Potato. Skin and flesh creamy-white, very thick, dry, fine grain and most excellent flavor, keeping well until spring.

Mammoth. The big show pumpkin, salmon skin, yellow flesh, 50 to 100 pounds.

Improved Cashaw. Mottled green with white stripes, rich yellow flesh, solid, fine-grained, very sweet, excellent for pies.

Japanese Pie. Very productive, fine grain, one of the sweetest, sculptured seeds.



PARSNIPS.

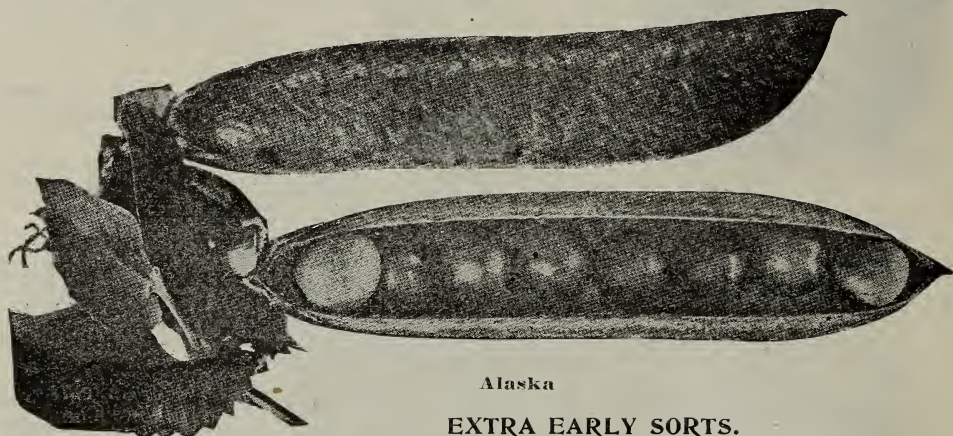
5c packet, 10c ounce, 20c quarter pound. Postage 16c lb. extra.

Hollow Crown, or Guernsey. Excellent variety for the table. Roots long, with smooth white skin, uniform in shape, tender, best quality, and easily harvested. The variety is easily distinguished by the leaves growing from the depression on the top or crown of the root.

PEAS.

For early Peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Soil that is freshly manured, very rich or wet and mucky should be avoided, as it causes a rank growth of vine at the cost of the quality of the Peas; such soil is often the cause of early sorts maturing unevenly. As early in the spring as the ground can be worked, sow in double rows six to ten inches apart, the pairs being two to four feet apart according to height of vine. The seed should be planted in a furrow two and a half or three inches deep, but not covered with more than an inch of soil, particularly if the ground is heavy. The Peas should be gathered as fast as they become fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced will stop growing. One quart to 60 feet of row.

10c package, 15c pint, 30c quart, except as noted. Postage extra, 10c pint, 16c quart.



Alaska

EXTRA EARLY SORTS.

Alaska. (See cut.) Smooth blue pea, each vine bearing four or five pods filled with medium-sized dark green peas of excellent flavor, ripening in 48 days. 2 to 2½ feet.

Ameer. Extra early blue pea, large dark green pods. 3 feet.

Nott's Excelsior. The best dwarf extra early, 54 days. Large and vigorous vines, wrinkled peas, pods always well filled. Fine for home garden. 10c pkt, 20c pt, 35c qt.

Sutton's Excelsior. Extra early dwarf wrinkled pea, large, tender, and of superior quality, large, broad pods and very prolific. 15 inches. 10c pkt, 20c pint, 35c quart.

American Wonder. Earliest of dwarf wrinkled varieties, sweet and tender. 10c packet, 20c pint, 35c quart.

Gradus. Extra early, wrinkled, similar to Telephone, but only 3 to 3½ feet high, immense pods filled with large peas of splendid quality. 10c pkt, 20c pint, 35c quart.

SECOND EARLY SORTS.

Bliss' Everbearing. Fine wrinkled sort, about thirty inches high, very robust and bearing heavy crops of large, well filled pods, with peas of excellent flavor.

Improved Advancer. Fine early market variety, exceedingly prolific, fine flavor, known as Dwarf Champion in some localities. 2 to 2½ feet, 55 days.

Long Island Mammoth. Earlier than Champion of England; 60 days, 42 inches, excellent cropper, pods large and well filled. Popular in the east.

Telephone. Fine tall wrinkled variety and a great cropper, bearing immense pods of large peas of exquisite flavor. Fine for market garden. 4 feet, 65 days.

LATE OR MAIN CROP PEAS.

Alderman. New late pea of largest size pods and peas, vines nearly five feet.

Dwarf Telephone. (Carter's Daisy.) Excellent variety, large pods, well filled with peas of fine flavor, vine 1½ feet.

Champion of England. Standard variety, one of the richest and best flavored green wrinkled peas, and very productive. 5 feet, 70 days.

Large White Marrowfat. Pods large and cylindrical, very large and smooth seeds, yellow or white, according to soil. 4 feet. 8c pint, 15c quart.

Large Black-eyed Marrowfat. Large, handsome, well filled pods and an immense cropper—the old-time favorite. 4 feet. 8c pint, 15c quart.

Melting Sugar. Edible pod, used same as snap or string beans, sweet and brittle. 10c packet, 20c pint, 35c quart.

RADISH.

One ounce of seed will sow 100 feet of drill. All the varieties thrive best in light, sandy loam. For early use sow in hotbed, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp and tender.

5c packet, 10c ounce, 25c quarter pound. Postage 16c lb., extra.



Early Scarlet Turnip White Tip. (See cut.) Small tops and roots, scarlet skin, flesh very mild and crisp, used almost exclusively for winter forcing.

French Breakfast. Beautiful scarlet color, small top, medium size, very rapid growth.

White Box. Round, smooth skin, pure white, very rapid growth, small top, having but three short leaves on a fully matured root—one of the finest for forcing.

Pearl Forcing. Pearl white and waxy appearance, texture very firm and solid, remains in edible condition fully two weeks before showing signs of going to seed.

Cincinnati Market. (See cut.) Handsomest long variety in cultivation, in color a beautiful scarlet, very small tops, six to seven inches long, very thin skin, flesh crisp and brittle, and very fine—generally used for the standard market variety.

Long White Vienna, or Lady Finger. Long and tapering roots, mild, pure white, tender and crisp.

Beckert's Chartier. Very attractive, bright salmon pink shading to white, crisp, tender, mild and pleasant flavor, and unexcelled in quality.

Long White Icicle. Four inches long, transparent white, slightly stump-rooted, short leaves, mature very quickly, excellent flavor.

Golden Globe. Very popular southern variety of perfect globe shape and golden skin, very quick growth, tender and brittle.

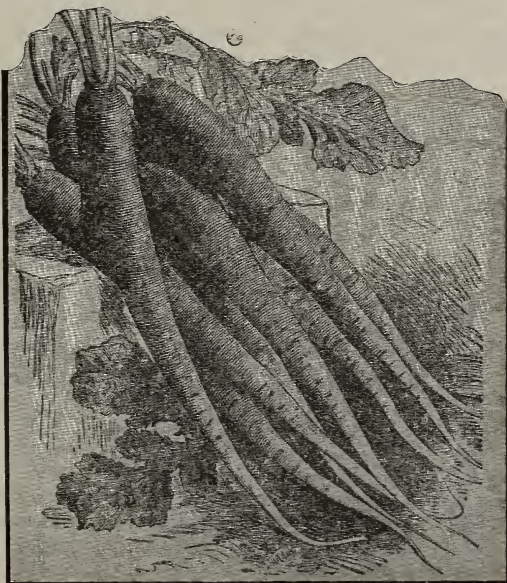
White Strausberg. Long, pure white, very mild and brittle, retaining these qualities even when the roots become large and old.

Half Long Black Spanish Winter. Large, hardy, firm texture and keeps well, black skin, white flesh, somewhat pungent.

Large White Spanish Winter. Solid flesh, with a milder flavor than the black sorts.

Scarlet China Winter. Light rose skin, white and firm flesh.

Celestial. Very large, white, solid and crisp—fine winter sort.



Cincinnati Market.

SALSIFY

OR VEGETABLE OYSTER.

Sow early in spring, in drills 15 inches apart and one to two inches deep. Thin to six inches in the rows. Soil should be deep and mellow, so that the long roots may grow straight down. Store same as carrots, or can be left in the ground until spring. One ounce to fifty feet of drill.

Mammoth Sandwich Island. Grows very large, resembling a good-sized parsnip. It is mild and delicate in flavor, and though of somewhat recent introduction, has become very popular. 5c packet, 10c ounce, 25c $\frac{1}{4}$ lb.

SQUASH.

The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general methods of culture are the same as those given for cucumber and melon, but the Squash is less particular as to soil. One ounce will plant 50 hills. Four to six pounds to the acre, according to variety.

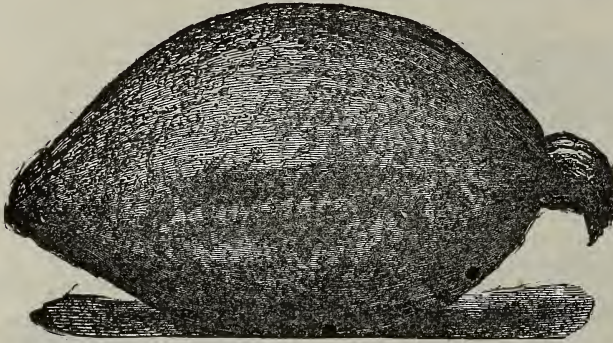
5c packet, 10c ounce, 25c quarter pound.

SUMMER SQUASH.

Mammoth White Bush Scalloped. Bears early and until late in the fall, double the size of the common variety.

Mammoth Summer Crook Neck. Golden skin, covered with fine warts, combines earliness, large size and wartiness with an especially fine and delicate flavor.

AUTUMN AND WINTER SORTS.



Hubbard. (See cut.) Bright orange yellow flesh, very dry, fine grained, rich flavor, bakes as dry as a sweet potato, the best keeper, a grand variety.

Green Mountain. Beautiful dark green netting instead of warts, flesh deep orange red, cooks quickly and evenly, vines early, hardy and mature large crops.

Boston Marrow. Thin skin of bright orange red, rich flesh of salmon yellow, fine grained, sweet, dry and a good keeper.

Fordhook. Flesh dry and sweet, will not rot, early, productive, sure cropper, thin skin, thick meat, small seed cavity, and in a cool, dry place will keep until June.

Chicago Warted Hubbard. Large size, dark green color, distinguished by a dense covering of warts, thick flesh, and a good keeper.

Pike's Peak, or Sibley. One of the sweetest, dryest and best late squashes. Pear-shaped, with stem on larger end; smooth shell, hard, flinty and pale green; flesh thick and solid, brilliant orange color, fine grained, and rich and delicate flavor, weighing eight to ten pounds.

SPINACH.

Should be planted in very rich ground, the richer the better. Sow in drills one foot apart and begin thinning out the plants when the leaves are an inch wide. For early spring use, sow early in autumn and protect them with a light covering of leaves or straw. One ounce to 100 feet of drill.

5c packet, 10c ounce, 15c quarter pound.



New Victoria. (See cut.) Heavy foliage, broad dark green leaves of true Savoy appearance, fine quality, and in prime condition after all others have gone to seed.

Round Summer Broad Leaf. Very thick and fleshy leaves.

Improved Thick Leaf, or Long Standing. Large, thick, fleshy, Savoy-leaved, and stands two weeks longer than any other variety before going to seed.

Fall, or Prickly Seeded. The hardiest of all varieties, but the leaves are smaller, and it is not so productive.

TOBACCO.

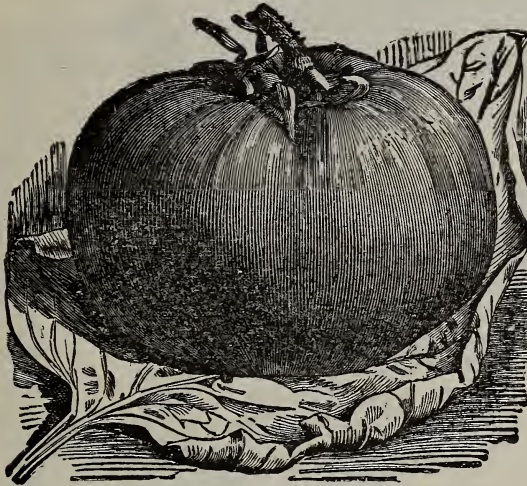
Connecticut Seed Leaf. Best adapted for the middle and northern states, as it is more hardy and stands cool weather; used for cigar wrappers. 5c packet, 40c oz.

Havana. Pure Cuban grown seed from the famous Vuelta de Abajo district, which commands very high prices for the best cigar stock. 5c packet, 40c oz.

TOMATOES.

For early use sow in February, in boxes or pots, and place near a window or in a hotbed. When about two inches high, pick them out singly in small pots and nurse carefully in frames; when danger of frost is past, plant out in sheltered situation, where they may have full influence of the sun. To hasten maturity of the first fruit which sets, pinch off extremities of the tops. One ounce of seed will produce 1,500 plants. Four ounces will produce enough for an acre.

5c packet, 25c ounce. Postage 16c lb.



Stone.

Stone. (See cut.) Very large, smooth, bright scarlet, ripening evenly to the stem without cracking, very solid and firm, not subject to rot, exceedingly heavy and attractive fruit, vines and foliage rank and robust, and always heavily loaded.

Beauty. The finest large-fruited early purple variety, hardy, strong grower, large, always smooth, perfect shape, excellent quality, glossy crimson color, purple tinge.

Earliana. Extra early, dwarf and compact vine, fruit in clusters of ten to fifteen, ripening in 85 to 90 days after germination of seed.

Dwarf Stone. Resembles Dwarf Champion, but double its size, and is the largest fruited upright-growing variety. Extra early, bright red in color, and good flavor. Plants may be set 18x24 inches in small gardens.

Enormous. The largest, hardiest, best keeper, handsomest red, strong, vigorous vines, producing handsome, solid, smooth fruits four to six inches across, entirely free from cracks and blemishes.

Buckeye State. Large, smooth, uniform in size, solid and meaty, a shade darker purple than Beauty, with foliage on the potato-leaf order—a very showy and striking variety of tomato.

Ponderosa. Our selected strain produces the largest fruit, much smoother in form, and very meaty, deep through, deep purple in color, solid and fleshy, small seed cells, and fine, sweet flavor, frequently attaining the weight of a pound or more.

Coreless. A late red and most perfect shape variety yet produced, but requires a long season to mature. Immensely productive, large clusters of four to seven fruits—a fine sort for markets that like a red tomato for home gardens and canning.

New Globe. (See cut.) This new variety is strictly globe-shaped, ready for use with the first earlies, of large size, always smooth, flesh firm, few seeds and ripens evenly. The color is a fine glossy rose, tinged with purple, flavor delicate and pleasing, and unsurpassed for slicing.

June Pink. Fruit medium in size, in clusters of six to ten, uniform, smooth and attractive in shape, without cracks or green core. Color bright pleasing pink.

Golden Queen. Solid, always smooth and free from ridges, large size, ripens early, superior flavor, and the most beautiful yellow ever introduced—the equal of any for table use.

Yellow Pear. Clear deep yellow, small size, used for preserves.

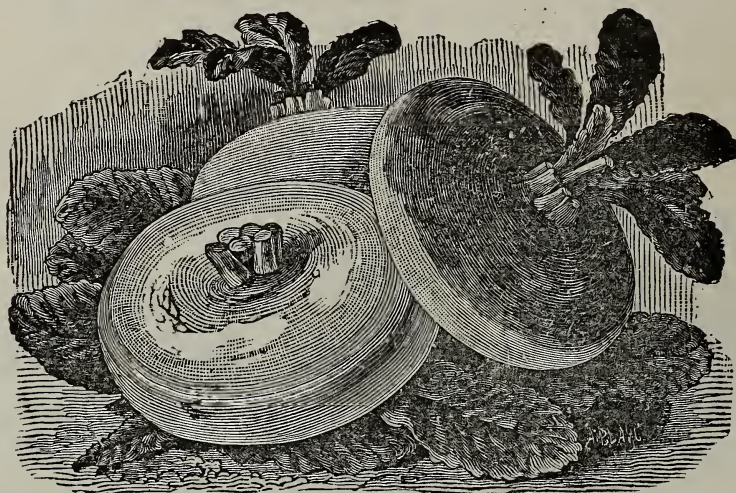
Strawberry. (Winter Cherry or Husk.) It grows in a husk, small yellow fruit of very sweet flavor, and can be kept all winter.



New Globe.

TURNIPS.

For early, sow in April in drills half an inch deep and 12 inches apart; thin to six inches apart in the drill. For main crop, sow broadcast in July and August, and just before or during a shower if possible. One ounce will sow 150 feet of drill; two pounds will sow an acre.



5c packet, 10c ounce, 15c quarter pound.

Red or Purple Top Strap Leaf. (See cut.) The most widely cultivated and best known variety, mostly used for sowing broadcast among corn and potatoes. Round, flat, very quick grower, white on bottom and reddish purple above ground.

Red Top White Globe. Early, large size and of rapid growth, globe-shaped, with red or purple top, fine quality, keeps well, and excellent for early or winter market.

Early White Flat Dutch. Strap-leaf variety, largely used in the south; roots of medium size, flat, white, very early, sweet and tender.

Extra Early Purple Top Milan. Earliest in cultivation and favorite with those who want the first; white bulb, flat, medium size, fine flavor, with bright purple top.

Yellow Stone. Splendid for general crop, large size, yellow flesh, firm and sweet, keeps well until spring, and is excellent for the table or stock-feeding.

White Russian, or Large Ruta Baga. Superior white-fleshed and white-skinned variety, very sweet, and desirable for table or stock.

MISCELLANEOUS FARM SEEDS.

As prices are varying almost daily, we do not give quotations, but will be pleased to quote prices and mail samples on application.

CLOVERS. We have all the varieties used in this climate—Medium or Common Red, Mammoth, Pea Vine or Large Red, Crimson or Scarlet, Alsike or Swedish, Lucerne or Alfalfa, and White Dutch.

GRASSES. All the forage and pasture grasses—Timothy, Orchard Grass, Red Top, Kentucky Blue Grass, Meadow Fescue or English Blue Grass, Perennial Rye Grass, Wood Meadow Grass.

MILLETS—German or Golden. Tennessee grown, and best for this section.

COW PEAS. The great soil improver, make land more productive, a splendid and nutritious green forage and hay crop, enriching the soil.

SWEET POTATO. Specially grown Jersey stock, potatoes much dryer and sweeter than western seed; only ship at planting time. **Yellow and Red.**

BROOMCORN—Improved Evergreen. The most popular variety, long straw, fine, erect, and free from crooked brush.

BUCKWHEAT—Common, Silver Hull and Japanese. The latter is an improved variety, with a larger grain and thinner hull than the others.

RAPE—Dwarf Essex. Forage plant of high value, and may be sown in the spring or summer. Sheep, hogs and cattle gain weight very fast on this green feed.

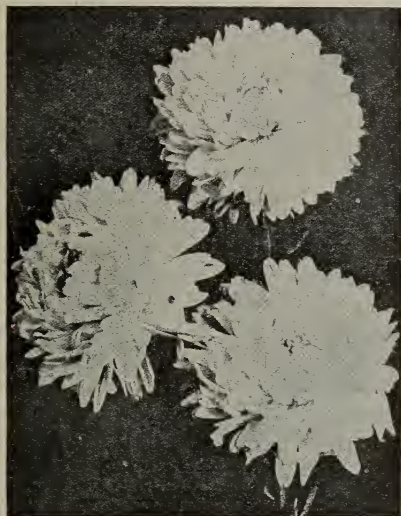
FIELD PEAS—White Canada. Our stock is as good as the market contains.

BIRD SEED. Mixed Canary, Rape and Millet. Hemp, Sunflower, Lettuce, Maw or Poppy Seed, either pure or mixed, for feeding birds.

SELECTED FLOWER SEED

The saving and selling of flower seed is in itself a science and can in no way be associated with fast and loose methods. The usual list of flower seeds with their botanical names is confusing to the average seed buyer. Our nomenclature is simplified as far as is possible.

ASTERS.



One of the most popular and useful of all our annuals. For early flowers the seed may be sown in the house or greenhouse in March or April, and transplanted in the open ground in May. However, as the Aster is a fall flower, and the late blossoms are the finest, it is best to sow the seed in the bed thinly early in May and transplant. Half hardy annuals.

Queen of the Market. Early, blossoming frequently in July, spreading habit, 8 to 10 inches high, medium size flowers, petals curving outward. Mixed, 5c packet. Separate colors, white, pink blue, 10c packet.

Victoria—Mixed. Large and perfectly double, imbricated, globular, pyramidal habit and varicolored, 5c packet. Pure white, dark scarlet, pink and lavender, separate, 10c packet.

Giant Comet—Mixed. Resembles the large Japanese Chrysanthemums, with long and twisted petals, 5c packet. Pure white, rose, purple, light pink and lavender, separate, 10c packet.

Peony Flowered—Mixed. Large and double, 5c packet.

Late Branching. Strong growing, usually blooming the latter part of August and producing on very long stems full petalled and exceptionally large double blossoms of fine form, plants branching, about two feet high, and entirely free from blight. Light pink, flesh pink, lavender, purple, white, separate colors, 10c packet. Mixed, 5c packet.

Finest Mixed. A mixture of fine strains and colors. The bed can be made more attractive by pulling up the early plants as soon as out of bloom. 5c packet.

AGERATUM—Imperialis. Blue and White. Dwarf bedding and vase plant. 5c pkt.

ALYSSUM—Sweet. Free flowering, pretty little foliage plants for beds. 5c packet.

AMARANTHUS. (Joseph's Coat.) Tri-color, showy foliage plants. 5c packet.

ANTIRRHINUM. (Snap Dragon.) Most showy and useful border plant, hardy annual, two feet. 5c packet.

BALLOON VINE. (Love in a Puff.) Rapid growing plant, half-hardy. 5c packet.

BALSAMS. (Lady Slipper, or Touch-me-not.) An old and favored garden flower. Extra double white, 10c packet. Double mixed, 5c packet.

BALSAM PEAR. Most luxuriant summer climber with orange fruit. 5c packet.

BROWALLIA—Elata Grandiflora Coerulea. Large sky-blue flowers. 5c packet.

CANNA—Crozy's Mixed. Ornamental plant, scarlet flowers, gold border. 5c packet.

CALENDULA. (Pot Marigold.) Showy, free-flowering, hardy annual, producing a fine effect in beds or borders, blooms all the time; two feet. 5c packet.

CANDYTUFT. All the many colors, considered indispensable for cutting. 5c packet. **Rocket.** Pure white. 5c packet.

CARNATIONS—Marguerite. Mixed colors, giving a large percentage of fine double flowers, 5c pkt. **Early Flowered Vienna Dwarf.** Free blooming, varied colors, mostly double, invaluable for bedding, on account of compact habit. 10c packet.

CATCHFLY—or Silene. Showy, free blooming annual, mixed sorts and colors, 5c pkt.

CENTUREA—Cyanus. (Bachelor's Button.) Old fashioned flower of the easiest culture, fine for bedding; two feet. 5c packet.

CYPRESS VINE. Popular climber, crimson star-shaped flowers, finely cut fern-like foliage. 5c packet.

SEED AND PLANT CATALOGUE, COSMOS.



One of the most beautiful and useful of the hardy annuals, producing in the autumn thousands of beautiful flowers. Seed should be sown in May in the open ground where it is desired to bloom; in rather a light soil. 4 to 5 ft.

Earliest Flowering Hybrids. (See cut.)

Earlier, larger, and with a greater variety of colors than any other early strain. Seed sown in May will bloom from July until frost, White, pink and crimson, separate colors, 10c packet. Mixed, all colors, 5c packet.

CHRYSANTHEMUM—Annual. (Painted Daisy.) Grown for flowers, blooming through the summer. 5c packet.

CASTOR OIL BEAN. (Ricinus.) Large ornamental-leaved plant, largely used for center of beds. 5c packet.

CELOSIA—Glasgow Prize. (Cockscomb.) Free flowering, scarlet and crimson shades, beautiful and rich. 5c pkt.

COBEA SCANDENS. Climbs 15 to 25 feet, handsome foliage, large bell-shaped flowers, deep violet-blue. 10c pkt.

CUCUMBER. Wild, ornamental climber. 5c packet.

CLEOME—Gigantea. (Giant Spider Flower.) Attains a height of 3½ feet, with a large head of bright rosy crimson flowers, striking subject for large beds or parks. 5c pkt.

DELPHINIUM. (Larkspur.) Splendid spikes of bloom; sow early; perennial. 5c pkt.

DUSTY MILLER. (Cineraria Maritima.) Silvery-white foliage. 5c packet.

ESCHSCHOLTZIA. (California Poppy.) Bushy plant with bright flowers and profuse bloom. 5c packet.

EUPHORBIA. (Snow on the Mountain.) White and green, variegated. 5c packet.

GOMPHRENA. (Globe Amaranth or Bachelor's Button.) Clover-like flowers, many colors. 5c packet.

GAILLARDIA. (See cut.) Splendid bedding plants, half-hardy, two feet. 5c packet.

GOURD. Calabash, Egg and Pear-shaped, Luffa or Dishrag. Mixed. 5c packet.

HOLLYHOCKS. (Althea Rosea.) Hardy perennial, requiring very rich soil. Choice mixed, 5c packet.

HELIANTHUS. (Sunflower.) **Mammoth Russian.** Largest of all, yellow. 5c packet. **Flora Plena.** Double sunflower. 5c packet. **Cucumberfolio.** Small. 5c packet.

HELICHRYSUM. The straw flower, everlasting, for winter bouquets. 5c packet.

HYACINTH BEAN. Rapid growing annual climber, 10 feet, blooming freely in clusters, followed by ornamental seed-pods. White and purple, mixed, 5c packet.

IPOMEA—Grandiflora. (Moonflower.) Very rapid climber, with large and pure white fragrant flowers, opening in the evening. 10c packet.

KOCHIA. (Summer Cypress or Burning Bush,) Most attractive plant, scarlet flowers; three feet. 5c packet.

KENILWORTH IVY. Lovely little lavender and purple flowers, vines suitable for rock work and vases. 5c packet.

LARKSPUR. Beautiful spikes of blue flowers, annual. 5c packet.

LOBELIA. Pretty and profuse bloomer for hanging baskets, window-boxes and vases; six inches. 5c packet.

MAURANDIA. Elegant twining climbing plant, with handsome foliage and flowers, blooming profusely. 5c packet.

MARVEL OF PERU. (Four O'clock.) An old fashioned favorite, with large, showy, fragrant blooms. 5c packet.



Gaillardia.

MIGNONETTE. Large and most deliciously fragrant spikes of bloom. Pinch out the tips when two inches high for best results. 5c packet.

MORNING GLORY—Japanese. Mammoth flowers, four to six inches across, rich and delicate colors. 5c pkt. **Convolvulus Major.** Old fashioned variety. 5c packet.

MYOSOTIS. (Forget-Me-Not.) Clusters of star-shaped flowers. 5c packet.

NIGELIA. (Love in a Mist.) Popular, old fashioned and free-flowering, with finely cut foliage. 5c packet.

NICOTINIA. Tube-shaped blooms, very sweet-scented, compact bush about three feet in height. 5c packet.



NASTURTIIUMS.

TALL OR CLIMBING.

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot-plants for winter flowering, as screens, or as trailers for hanging baskets and vases.

Coccinea. Bright orange scarlet, 5c pkt.

Giant of Battle. Rich blood red, 5c pkt.

Von Moltke. Bluish-pink, 5c packet.

Spitfire. Bright fiery scarlet, 5c packet.

Trailing. Lobbianum varieties, mixed colors, 5c packet.

Madame Gunter Hybrids. Striped and blotched with red on orange ground. 5c packet.

DWARF NASTURTIIUMS.

The dwarf varieties are all desirable, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil. Hardy annual, one foot.

Tom Thumb King Theodore. Velvety crimson maroon, almost black, 5c pkt.

Empress of India. Dark and purplish green leaves, fiery crimson flowers, 5c packet.

Choice Mixed. All colors, 5c pkt, 15c oz.

PORTULACA. Highly colored flowers of many hues. **Single,** mixed, 5c packet. **Double Flowered Moss,** 10c packet.

PETUNIAS.

Most desirable plants, succeeding well everywhere. They are particularly showy in beds or masses, and are universal favorites on account of their richness of color, fragrance and continuous blooming.

New Single Large Flowering Fringed. (See cut.) Very large, deep-throated and beautifully fringed. 25c packet.

Petunia Hybrida—Finest Mixed. All the colors, and fine for bedding or massing. 10c packet.

Mixed. Includes a great variety of colors and kinds, with some choice large flowering sorts. 5c packet.



PANSY.

Favorite with all and too well known to require any description. Seed sown in February or March in green-house or sunny window will bloom freely all summer and fall. Sown April or May will flower in fall. Flowers are much finer when grown in very rich soil, in a cool and partially shaded situation. Our seed is from the best strains of the most noted growers in Germany.

Odier, or Five Blotched. A beautiful strain, perfect form and flower. 25c packet.

Giant Trimardeau. Choice mixed flowers, immense size, beautiful colors. 10c packet.

Cassier's Giant Blotched. Unsurpassed quality, rich colors. 20c packet.

Masterpiece. A giant variety, curled petals and wide range of rich colors. 15c packet.

Mixed. All colors. 5c packet.

PHLOX. (Drummondii.)

The very large flowering kind are a most decided improvement upon the Drummondii. They produce flowers almost twice the size, with the most brilliant colors that can be imagined. The plants are very hardy, of the easiest cultivation, and should be set at least one foot apart to have an opportunity to grow.

Alba. Flowers of purest white and extra large size. 10c packet. **Scarlet.** Color most intense. 10c packet. **Mixed.** Many colors. 5c packet, 15c $\frac{1}{4}$ oz, 50c oz.

Starred and Fringed Phloxes. Most distinct and striking. In the starred the flowers have a star-like appearance, the petals bordered by broad white margins. In fringed the petals are partly fringed, three-toothed, the center tooth nearly twice as long as the lateral, all clearly bordered with white. **Mixed.** 5c packet.

PINKS. (Dianthus.)

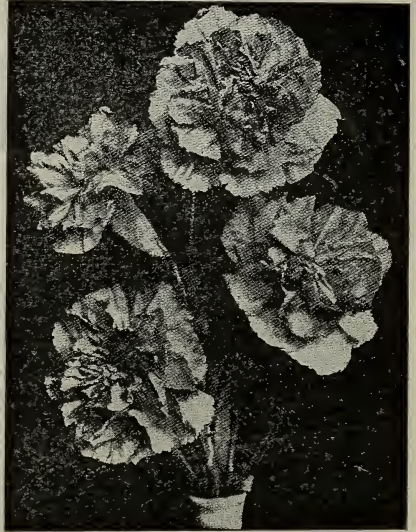
The Dianthus family furnishes many of the most beautiful flowers, including the Carnation, Sweet William, Chinese and Japanese Pinks, in all their varieties. As a class Pinks are more varied in color than Carnations but lack their fragrance. Hardy and half-hardy biennials and perennials, but nearly all blooming the first year from seed.

Chinensis. (China or India Pink.) Flowers extra double, all colors, mixed. 5c packet.

Heddeweggii Flore Pleno. (Double Japan.) Rich crimson to delicate rose. 5c packet.

Laciniatus Flore Pleno. (Double Japan Pink.) Large, showy flowers, fringed edges, beautiful stripes. 5c packet.

Imperialis. (Double Imperial Pink.) Finest mixed, many bright colors. 5c packet.

**POPPIES.**

Very showy, free blooming and easily cultivated plants, with large and brilliantly colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. A great advance has recently been made in its development, which has brought it into deserved popularity, and it may safely be said that no other flower produces a more brilliant display of color during the blooming period. Sow early in the spring where they are to remain, as they cannot be transplanted.

Carnation Flowered. Double, brilliant, large, showy, easily cultivated. Mixed, 5c pkt.

Danebrog. Brilliant scarlet, with large silver white spots forming a cross. 5c packet.

Shirley. Shining silky texture, bright delicate colors in great variety. 5c packet.

Umbrosum. Richest vermilion, with deep shining black spots on each petal. 5c pkt.

Oriental. Deep crimson, black spot on petals, very showy, hardy perennial. 5c packet.

PRIMULA—Sinensis. (Chinese Primrose.) Winter bloomer, pretty flowers. 25c pkt.
STOCKS. (Gilliflower.) Indispensible for bedding, borders, massing or pot culture.
Blood Red, the brightest color, double, 10c packet. **Snowflake**, for forcing, large snow-white flowers, very double, 10c packet.

SWEET PEAS.

LARGE FLOWERED WAVED "SPENCER" AND "UNWIN" TYPES.

Price of these New Sorts, 10c. Packet, 25c. Ounce, 4 Ounces for \$1.00.



Gigantic Orchid-Flowered.

Gigantic Orchid-Flowered—Mixed. (See cut.) This mixture contains all the large orchid-flowering varieties. To the florist, the Sweet Pea is a great favorite, and no one need hesitate about purchasing this mixture, as the best of care is taken to have all the colors of the beautiful crumpled waved varieties to blend. 20c oz, 75c ¼ lb.

Helen Lewis. An intense crimson orange, gigantic size, two inches across.

Nora Unwin. White flowers, three on a stem, the wings curved.

Phyllis Unwin. Long, stout stems with four flowers of beautiful rose color.

Gladys Unwin. Wrinkled or wavy standard, broad wings, lovely shade of pink.

Countess Spencer. Soft rose pink, which deepens at the outer edges, large flowers, three and four upon long stiff stems.

Primrose Spencer. Stems twelve inches long, frequently four to a stem, primrose color both standard and wings.

White Spencer. Produces in the greatest profusion pure white flowers of truly gigantic size, with crinkled, fluted, wavy wings.

Frank Dolby. Lovely light lavender, wavy standard, widely spreading wings.

Geo. Herbert. Bright rose-carmine, large, open and wavy form.

STANDARD VARIETIES.

5c per packet, 6 for 25c, 1 oz. 10c, ¼ lb. 35c. Postage 16c per lb. extra.

Eckford's Choice Mixed. Made up of the best sorts, with the right proportions of white, bright red, pink and other colors to make a brilliant show. 50c ½ lb, \$1.00 lb.

Duchess of Sutherland. Pearl white, suffused with pink.

Hon. Mrs. E. Kenyon. Beautiful primrose, a bold giant flower, described as an enlarged and improved Mrs. Eckford.

Countess of Lathom. Cream tint, heavily shaded with soft flesh pink in the center of the standard and wings, shading much lighter at the edges.

Extra Early Blanche Ferry. Dwarf habit, very early, and has no rival for forcing; brightest contrast of color, wings nearly white, standard deep rose pink.

Prima Donna. Most beautiful shade of pink, large flowers, fine form.

Blanche Burpee. Large white flowers, graceful stems and sprays of bloom.

Navy Blue. (Burpee.) Distinct and striking rich deep blue in general effect, the shade in the standard being deep lavender purple with a faint tint of wine red.

King Edward VII. The best red to date, magnificent large flowers, wings a trifle shorter than the standard, borne on long stems.

Dorothy Eckford. Grand pure white flowers, beautiful bell shape, three on a stem, beautifully hooded and do not curl.

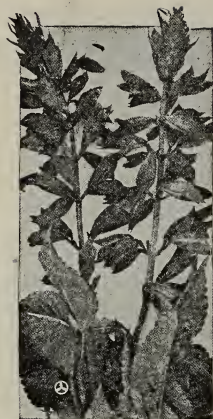
Lady Grisel Hamilton. Most attractive light lavender shading, wings of azure blue, extra large flowers of the best and most perfect hooded form.

Miss Willmott. Rich orange pink, delicately shaded with rose, enormous flowers on stiff stems twelve to sixteen inches long.

Mont Blanc. Dwarf growth and extremely early, paper-white flowers, and best for growing under glass during the winter.

White Wonder. (Burpee.) Pure white, profuse bloomer, flowers uniformly large, frequently six to eight on a long stout stem.

Salopian. The finest bright scarlet, a great bloomer.



Salvia.

SALVIA. (Scarlet Sage.)

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

Splendens. Two and a half to three feet high, completely covered with showy sprays of bright scarlet flowers. 5c packet.

Zurich. Dwarf variety, long spikes of free-blooming and brilliant scarlet flowers, and a desirable addition. 10c packet.

Bonfire. (Clara Bedman.) Two feet high and as many broad, very compact, its long spikes of fiery scarlet flowers standing well above the foliage. 10c packet.

SCABIOSA. (Mourning Bride.) Exquisite double flowers on long stems, fine for cutting. Double mixed, 5c packet.

SWEET WILLIAM. Easily grown, very hardy, richly colored and sweet-scented. **Single Mixed**, large flowers and many shades, 5c pkt. **Double Mixed**, double flowers, 5c packet.

SALPIGLOSSIS. Funnel-shaped flowers, curiously penciled and marked. 5c packet.

SMILAX. Charming tender perennial climber for the house or greenhouse. 5c packet.

TAGATEES. (Marigold.) Handsome, vari-colored flowers of easy culture. 5c pkt.

THUNBERGIA. (Black-eyed Susan.) Rapid growing climber, pretty flowers, with dark center. **Mixed**, 5c pkt. **Alba Oculata**, white, 5c pkt. **Aurantiaca**, orange, 5c.

VINCA. (Madagascar Periwinkle.) Beautiful circular flowers and glossy foliage, with bushy plants. Mixed colors, 5c packet.

VERBENAS.

If it were possible, it would seem that Verbenas are becoming more popular every year. The plants thrive in any good garden soil, and if grown from seed are much more vigorous than when started from cuttings. For an early start, sow in boxes or pots in the house, but not in the garden until warm weather in May.

Mammoth Fine Mixed. Containing many fine colors and shades that make a most brilliant show. 5c packet.

Pue White. Large trusses of purest white flowers. 10c packet.

Defiance. Small leaves with bright rich scarlet flowers. 10c packet.

WALLFLOWER. Well known and fragrant biennial, with large spikes of bloom. Finest double, 10c packet.

XERANTHEMUM. (The Everlasting Flower.) Leaves covered with silvery down, flowers pure white, deep purple and yellow, single and double. 5c packet.

ZINNIA Attractive and decorative hardy annuals, most desirable for borders and beds, remarkable for the profusion and large size, fine form, brilliancy of flowers; 1 to 2 ft. **Mixed**, 5c packet. **Mammoth Scarlet**, large double flowers, 10c packet.



Verbena.

NO ORDER TOO SMALL.

Never mind if your order amounts to only 25 or 50 cents, send it along. We will fill it with the same care as we do larger orders, with the expectation that you will be able to increase it next year, for you will be sure to receive our catalogue.

Summer and Autumn Flowering Bulbs

CANNAS.

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country, and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a liberal amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart.

Dry Bulbs, 5c each, 50c per dozen, \$3.50 per 100. In May, started in 3 and 4-inch pots, 10c each, \$1.00 per dozen.



Black Beauty. No other dark-leaved variety is so effective and attracts so much attention. While its flowers are small, the massive foliage of the plant is such an intensely rich color as to place it at the head of the ornamental bedding plants for foliage and sub-tropical effects. 5 to 6 feet in height, with foliage of rich glistening bronzy-purple, shaded black, with crimped and wavy margins.

Bronze Beauty. Bronze leaf, green stalk, with flowers of deep vermillion orange; 5 feet.

Burbank. Flower from 6 to 7 inches across, mostly semi-double, beautiful rich canary yellow, with spotted throat; 5 to 6 feet.

Buttercup. Deep buttercup yellow, almost pure, very effective; 3 feet.

Charles Henderson. Popular crimson of uniform habit, green foliage; 2½ feet.

Crimson Bedder. Very large spikes of glowing crimson, with dark metallic leaves; 4 feet.

Dr. Holtz. Bright yellow; 3 to 4 feet.

Express. New bedding variety of scarlet crimson color, large and compact clusters, green foliage; 2 to 2½ feet.

Florence Vaughan. Bright golden yellow, spotted with red, large size and perfect form, green foliage; 4 feet.

Jean Tissot. Bright and very large flowers of intense brilliant vermillion, with bright orange shadings, strong growth, about 5 feet, with massive green foliage.

King Humbert. Grand new Italian variety, combining the highest type of flower with the finest bronze foliage. The flowers measure six inches in diameter, produced in heavy trusses of gigantic size, of brilliant orange scarlet with bright red markings. The broad and massive foliage is a rich coppery bronze, bold and effective; 5 feet.

Oscoda. Scarlet, yellow edge, an elegant dwarf sort; 2 to 2½ feet.

President Mayer. Glorious large flowers in immense trusses, rich cherry-carmine color, bronzy foliage, producing a magnificent effect; 4 feet.

Queen Charlotte. Rich crimson scarlet, widely edged with golden yellow; 3 feet.

Robusta. Luxuriant dark bronze, leaves 12 to 18 inches wide, 30 to 36 long; 8 feet.

Richard Wallace. An ideal yellow, with exceptionally large flowers; 4½ feet.

Rubin. Ruby carmine flowers produced in great profusion, intensely rich and glowing, combined with dark bronzy-green foliage, making one of the best bedding varieties.

Souv. de Antoine Crozy. Intense scarlet with golden edge; 3½ feet.

Venus. Delicately colored, soft rosy-pink with a pretty mottled border of creamy yellow, bright green foliage; 3½ feet.

CALADIUM. (Elephant's Ear.) Suitable for either a single plant on the lawn, masses in beds, or margins of water, its leaves often attaining a length of three feet by twenty inches wide. 10c each, \$1.00 dozen. Larger size, 15c each, \$1.50 dozen. Extra large bulbs, 25c each, \$2.50 doz. Plants started in pots, ready May 15th, from 4-in. pots, 10c each, \$1.00 dozen; 5-in. pots, 15c each, \$1.50 dozen.

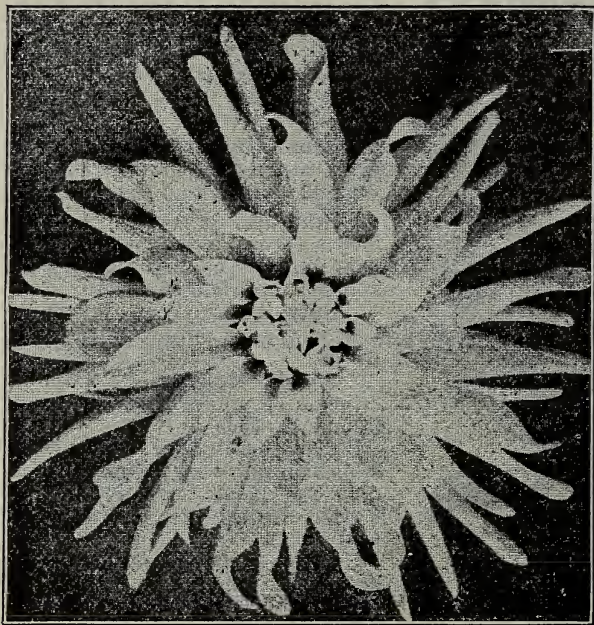
CINNAMON VINE. Most beautiful and charming of all climbers, and will quickly cover an arbor, window or veranda with a great profusion of vines filled with sweet-scented flowers. Hardy annual. 5c each, 6 for 25c.

DAHLIAS.

Old friends are the best, so we find this one again becoming a great favorite everywhere. We have carefully revised our list, and the collection of various types offered is the cream of over two hundred varieties, selected after critical examination of those kinds which are all early and free flowering.

All colors, mix roots, 5c each, 50c per dozen. Named Sorts, 10c each, \$1.00 per dozen, \$8 per 100. Strong Plants in pots, ready May 10, at 10c each, \$1.00 per dozen.

THE CREAM OF THE CACTUS DAHLIAS.



Cactus Dahlia.

General Butler. Dark and rich velvety-maroon, tipped with white.

PAEONY-FLOWERED DAHLIAS.

This very interesting new type will be welcomed by Dahlia lovers. Large flowers, averaging eight inches across, broad and ribbon like petals, and blooming profusely.

Germania. Brilliant strawberry red, flowers standing well above the foliage and giving it a very striking and artistic appearance, distinct from other types.

Queen Emma. A most striking and unique shade of marshmellow pink, the inner petals banded with golden yellow—a very unusual combination.

Queen Wilhelmina. Pure white with golden center showing to unusual and distinct advantage, a splendid contrast to the other sorts.

TWENTIETH CENTURY DAHLIAS.

Distinguished for large and clematis like flowers, 8 to 10 inches across, intense coloring, showy plants.

20th Century. Rosy crimson with white tips and white disc around yellow center.

Crimson. Deep glowing crimson with maroon shading, tipped rose, rosy center.

Scarlet. Bright dazzling scarlet without shade or blemish, flowers round, fine form.

Pink. Delicate shell pink, deeper toward center, flowers of great size and early.

Parisfal. Splendid creamy white, borne on stiff stems well above the foliage—not only the freest, but the earliest flowering.

Mrs. H. J. Jones. Very large, perfect, rich and bright scarlet, with creamy edge, occasionally self-colored.

Flora. Ideal white, the flowers produced on stout, stiff stems, and valuable for cutting.

Keyne's White. Very fine white, perfect shape.

Brunhilde. Deep plum in color, rich and velvety, large and beautiful form, dwarf plant, branching habit, early and profuse bloomer.

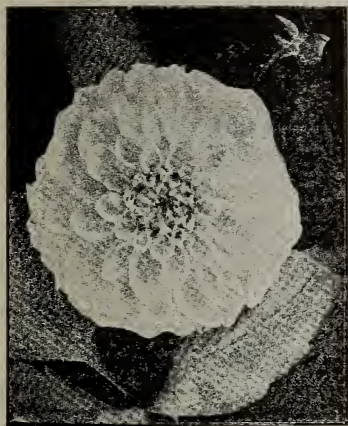
Volker. Free flowering, charming pure yellow.

Countess of Lonsdale. A peculiar but pleasing blend of salmon-pink and amber, a color difficult of description. Flowers freely under all conditions.

Uncle Tom. Maroon with dark shading, almost black.

SHOW DAHLIAS.

Delice. Beautiful soft but lively glowing rose-pink, perfect shape, stout and stiff stems.
Jack Rose. Brilliant crimson red, rich and glowing, stiff stems holding flowers erect.
Dreer's White. Recently introduced and most valuable—a pure glistening white.
Susan. Delicate shell pink, remarkably free flowering, fine for garden decoration.



Fire Rain. Very rich cardinal red.

Clifford W. Bruton. Best yellow, of immense size, perfect form, and finest canary yellow, tall and vigorous grower, extremely free bloomer.

Miss May Lomas. Large delicate white, suffused with soft lavender.

Grand Duke Alexis. Magnificent, large size and unique form, petals rolling up so that edges overlap. White, but distinctly tinged with delicate pink.

Henry Patrick. Superb pure white, large size, long stems, fine for cutting.

Maid of Kent. Cherry red, tipped with white, but sometimes solid red—superb.

A. D. Livoni. Beautiful soft pink with quilled petals full to the center, profuse bloomer.

Mme. Van den Daele. Splendid decorative sort, soft rose with creamy white center.

Souvenir de Gustave Douzon. Mammoth size, flowers of pure scarlet six inches across, and can be grown to nine inches.

Lyndhurst. Rich and brilliant cardinal red.

Catherine Duer. Iridescent geranium red, used for cutting at Newport.

Nymphaea. Resembling the water lily, clear distinct light shrimp pink.

Sylvia. Soft, pleasing mauve pink, gradually changing to white in the center.

F. L. Bassett. Carmine-purple, shading deeper at the center.

M. D. Hallock. Pure yellow, free and full flowering.

Cuban Giant. Immense ball of bright maroon color, early and free blooming.

Mrs. Roosevelt. Delicate silvery rose.

POMPON DAHLIAS.

Storm King (Blizzard). New snow white, fine companion for the superb pink Livoni.

Crimson Ball. Bright crimson-purple flowers, very profusely borne.

Arabella. Light sulphur yellow, shaded peach-blossom on the edges, and very fine.

Snowclad. The finest pure white Pompon, large and beautiful flower.

GLADIOLUS.

The most attractive of all summer flowering bulbs. Wonderful improvements have been made in recent years in their size and beauty. They will thrive in any garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to September by planting at intervals from April to June. Plant six inches apart in beds or double rows, and three inches deep.

Crimson and Scarlet. Mixed, 5c each, 30c dozen. **Yellow.** 5c each, 50c dozen.

White and Light. Mixed, 5c each, 50c dozen. **All colors,** mixed, 5c each, 30c dozen.

If by mail, add 12c dozen postage.

LILIES.

In the flower garden lilies rank first in importance. They are stately and beautiful, matchless in form and variety of color, while possessing the most agreeable perfume, and for general effect they have no rivals. Bulbs should be planted 6 inches deep in a well-drained, deep, loamy soil made rich with thoroughly rotted manure, and an inch of clean sand placed under and over the bulbs when setting.

Auratum. (Golden-rayed Japan Lily.) Large pure white flowers with crimson spots and golden band through center of each petal. Large bulbs, 25c each, \$2.50 doz.

Speciosum Album. Large, fragrant, pure white. 25c each, \$2.50 dozen.

Speciosum Rubrum. White, shaded and spotted rosy crimson. 25c each, \$2.50 doz.

Longiflorum. (Japan-grown.) Pure white, trumpet-shaped. 25c each, \$2.50 doz.

Richardia Aethiopica. (White Calla or Nile Lily.) Winter plant. 15c to 50c in pots.

MADEIRA ROOTS. (Mignonette Vine.) White flowers. 5c each, 35c dozen.

TUBE-ROSE—Excelsior Pearl. Superior strain, with large double white flowers.

Bulbs should be started early in pots. 25c dozen, \$1.75 per 100.

PLANT DEPARTMENT.

PLANTS BY MAIL. Small plants will be sent free by mail when so desired. The greater part or all the soil is removed from the roots, which are carefully packed in damp moss. We can not forward bulky plants, such as Azaleas, Geraniums, Roses, Shrubs and similar stock by mail.

PLANTS BY EXPRESS. We do not deliver plants free by express. The purchaser pays the charges, which are, by the principal express companies, 20 per cent. less than regular merchandise rates. We strongly urge this method of transportation, as it not only enables us to give better values in the form of larger and finer plants, but we always add liberal "extras" to help defray charges, and unless instructed to the contrary, all plants are forwarded by express.

ABUTILON—Savitzi. Green foliage with broad white margins. 10c to 25c each.

ACALYPHA—Macafeana. Beautiful bronze and crimson foliage. **Marginati.** Bronzy green foliage, edged with carmine. 10 to 25c each.

ACHYRANTHUS—Emersoni. Narrow deep red foliage. 50c dozen.

ALTERNANTHERA—Aureanana. Bright yellow foliage. **Versicolor.** Olive, crimson and chocolate. 5c each, 50c dozen, \$3.00 per 100.

ANTIRRHINUMS. (Snap Dragons.) Choice mixed varieties, small plants ready in May and June, 25c per dozen.

ASTERS—Dreer's Late Branching China. 8 distinct colors, ready in May. 15c doz.

AZALEAS—Chinese. Beautiful plants for windows and conservatories, our offerings comprising the cream of the best European establishments. 75c to \$3.00 each.

BEGONIAS. Several fine varieties for house culture. 10c to 50c each.

COBEA SCANDENS. (Cups and Saucers Vine.) Beautiful climber, large purple cup-and-saucer-shaped flowers, for trellises and arbors. 15c each, \$1.50 dozen.

COLEUS. Beautiful variegated foliage plants, 12 best sorts. 50c doz, \$3.50 per 100.

COSMOS—Mammoth Perfection. White, pink or crimson. Seedlings, 25c dozen.

GERANIUMS. All superb double varieties. **Alphonse Riccard.** Bright vermilion scarlet flowers in great masses. **Fleur Blanc.** Pure white. **Mme. Jaulin.** Fine peach-pink center, white margin. **Beaute Poitevine.** Bright salmon pink, shaded from deep orange to pure salmon, immense flowers. **E. H. Trego.** Largest bright red, long stems. **Marquis Castellane.** Fine combination red. **Marquis de Montmort.** Brilliant carmine purple. **Jean Viaud.** Bright rose pink, immense trusses. **Miss Frances Perkins.** Finest bright pink bedder, long stems. **S. A. Nutt.** Best dark crimson-scarlet bedder. 10c each, \$1.00 per dozen.

HELIOTROPES. Nothing can take their place in bouquets, and they are well suited for pot culture and borders; very fragrant. 10c each, \$1.00 dozen.



Hydrangea.

HYDRANGEA—Otaska Monstrosa.

(See cut.) Enormous trusses of intense pink flowers, blooming the entire season. 25c to \$3.00 each, according to size.

NOCTIFLORA. (Moonflower.) Rapidly growing vine, bloom three to four inches in diameter, will cover 24x40 feet in a season. 15c each, \$1.50 per dozen.

PRIMULA—Obconica. Ever-blooming house plant with lovely lavender, white and pink flowers in profusion. **Chinensis.** Chinese Primrose, popular winter bloomer. 15 to 25c.

PETUNIA. Fine plants, double flowers, choice varieties, many colors. 10c each, \$1.00 doz. Fancy single flowered, large throated, blotched, fringed. 10c each, \$1.00 doz.

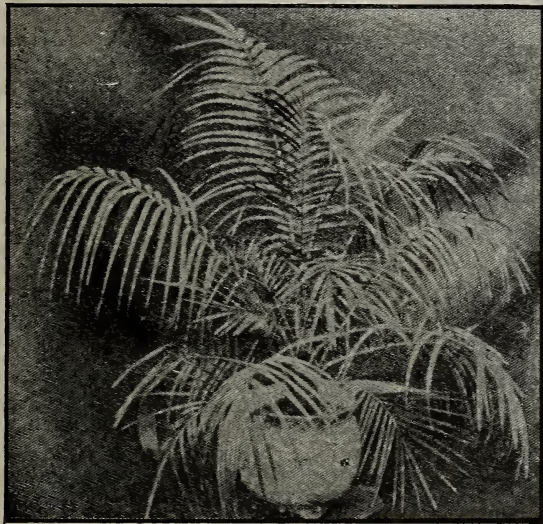
RICINUS. (Castor Oil Plant.) Immense foliage plant, 6 to 10 feet, green and bronze leaf sorts, small plants ready in May and June, 10c each, \$1.00 dozen.

SALVIA. (Scarlet Sage.) **Splendens.** 3 feet. **Bonfire.** 2 feet. **Zurich.** Dwarf, earliest blooming. Small plants at 50c dozen, larger at \$1.00 dozen.

Palms and Decorative Plants.

This class of Decorative Plants is becoming very popular, and deservedly so, as there is nothing more beautiful than a moderately sized Palm. They are of very easy culture, standing the dry atmosphere of parlor or living room remarkably well. Our stock comprises those of the easiest culture. Smaller plants than those priced are not recommended for general purposes.

Areca Lutescens. Handsome and desirable in every stage of growth, recurved and pinnatifid glossy green fronds, trunk and stems yellow with greenish spots. 75c up.



Phoenix Roebelenii.

Cocos Weddelliana. One of the elegant small Palms. Its slender, erect stem is most freely furnished with gracefully arching rich green leaves. They are much admired in fern dishes, being slow of growth and maintaining their beauty for a long time. Small plants 35c each. Large plants \$2.00.

Ficus Elastica. Commonly this is known as the Rubber plant, one of the best for table or house decoration. Its glossy green leaves resist the dust and gas to which house plants are exposed, thriving under more unfavorable conditions than almost any other house plant. Strong plants at 50c each, larger plants 75c, \$1.00 up to \$2.50 each.

Kentia Belmoreana. Sometimes called the Curly Palm, as the leaves have a tendency to curl with age. The plant will stand neglect, and is of stout, stocky growth, and is sure to give satisfaction. Price \$1.50 and up.

Kentia Fosteriana. Taller growth, broader leaves, longer stem and more sweep to the foliage. Makes a large plant in a short time, and is truly majestic. \$1.50 and up.

Pandanus Utilis. Majestic form and graceful foliage, its glossy dark green and serrated leaves making it an unusually attractive decorative plant. \$1.50 and up.

Phoenix Roebelenii. (See cut.) Most graceful for room decoration. The plant is of vigorous growth, with graceful recurving leaves and very narrow dark pinnæ, giving it a lightness and airiness unsurpassed by Cocos Weddelliana, and at the same time it is as hardy as a Kentia, succeeding admirably as a house plant. \$1.00 and up.

ARAUCARIA—Excelsa. (Norfolk Island Pine.) Most popular of tender evergreens and one of the handsomest and most serviceable decorative plants. \$1.25 each.

FERNS.

Ferns cannot be dispensed with in parlor decorations. In planting your Fernery do not crowd the plants together, but give room for the development of the fronds, as their growth is rapid and many will soon double their original size. You can be your own florist and fill your fern dishes at home.

Boston. A wonderfully healthy, rapid growing and graceful house plant, in great demand, many people buying it in preference to the finest palms. It thrives anywhere, and gas or furnace heat does not seem to injure it. 25c to \$2.50 each.

Nephrolepis Whitmani. Ostrich Plume Fern, the most valuable of its type, broad and handsome plume-like fronds. 25c to 75c each. Specimen plants \$2.50 each.

Assorted Ferns. Suitable for baskets or pans, 10c each, \$1.00 per dozen.

ASPARAGUS—Plumosus Nanus. No better plant for table decoration, and useful for fern dishes and cutting to put with flowers. Keep out of sun, pot in sandy loam, do not water too much. **Sprengeri.** (Emerald Feather.) Fine for hanging and window boxes, and will stand full sun. Also good for cutting. Give plenty of plant food during the growing period. 10c to 50c each.

Hardy Hybrid Perpetual Roses.

The appended list comprises all the distinct and really valuable shades. All pot grown, ready in April and May, 35c each, \$3.00 per dozen.



Alfred Colomb. Extra large, very double round flowers, bright carmine crimson, one of the best.

Frau Karl Druschki. Ideal pure white, perfect in form, strong grower and remarkably free flowering.

Magna Charter. Bright pink, suffused with carmine, vigorous grower.

Margaret Dickson. One of the finest white hybrids ever produced.

Paul Neyron. Very large dark rose and an old favorite.

Ulrich Brunner. Bright cerise red, flowers large and full.

Gen. Jacqueminot. Grand variety, holds first place among dark reds, at its best a mass of bloom.

Baroness Rothschild. Rich satiny pink, very large, double.

Mrs. John Laing. Soft pink, very fragrant, early flowers, one of best.

Mabel Morrison. Pure white, but faintly flushed with pink in autumn.

Captain Christy. A lovely variety, large double buds of deep flesh color.

Soleil d'Or. Distinct new rose—a cross between Persian Yellow and Antoine Ducher. Large, full, globular flowers, varying from golden orange to reddish gold, shaded with nasturtium red.

Mrs. R. G. Sherman Crawford. A deep rosy pink, outer petals shaded with pale flesh.

EVER-BLOOMING HYBRID TEA ROSES.

Kaiserin Augusta Victoria. Desirable white rose for summer bedding; flowers large and produced in profusion; strong and vigorous foliage, but a little tender.

La France. Old favorite, clear satiny pink, very large and full, fine form.

Gruss an Teplitz. Reddest of all and succeeds under the most ordinary conditions.

Killarney. Sparkling, brilliant carmine pink, free flowering, strong and robust, large blooms, buds long and pointed, and one of the leading varieties for cut flowers.

Mme. Abel Chatenay. Large flowers of carmine-rose, shaded with salmon, and a very distinct and attractive variety.

FAVORITE EVER-BLOOMING ROSES.

Maman Cochet. Strong grower, large buds and flowers in great profusion, deep rose pink inner side of petals silvery-rose, long stems, very double and exquisite.

White Maman Cochet. Identical with Maman Cochet except in color, an ideal bedder.

Clothilde Soupert. Perfectly double flowers of French white, deepening to rosy blush in the center, large clusters and free flowering, one of the finest.

Hermosa. Old reliable favorite, bright rich pink, always in bloom.

Mme. Norbert Levayasseur. Crimson flowers similar to the popular climbing Crimson Rambler, always in bloom, and popularly known as the Crimson Baby Rambler.

HARDY CLIMBING ROSES.

Crimson Rambler. Too well known to require any description. Every one is familiar with its large clusters of crimson flowers and vigorous vine.

Philadelphia Rambler. An improvement on the Crimson, having finer, deeper, more intense crimson flowers.

Dorothy Perkins. Large, full double flowers of a beautiful shell pink, grand variety.

HARDY PERENNIAL PLANTS AND BULBS.

15c. each, \$1.50 per dozen, except as noted.

- ACHILLEA**—*Pearl*. Pure white flower, blooms all summer, 2 feet high.
- AQUILEGIA**—*Coerula*. Rocky Mountain Columbine, blue and white, spring bloomer.
- Chrysantha**. Bright yellow long spurred flowers.
- ANEMONE**—*Whirlwind*. New double white, 2½ to 3 inches across, very free bloomer.
- Queen Charlotte**. Fine Japanese sort, semi-double flowers of beautiful pink.
- BOCCONIA**—*Cordata*. Plume Poppy, 6 to 8 feet, creamy white, beautiful in foliage and flower, admirably adapted for shrubbery borders.
- COREOPSIS**—*Lanceolata*. Border plant, bright golden-yellow flowers in profusion, graceful form, continues blooming the entire summer and autumn.
- CHRYSANTHEMUMS**. (Moonpenny Daisy.) **Maximum Triumph**. Pure white and yellow center, 3 inches in diameter, blooms July to October. **Alaska**. Decided improvement, blooms 4 to 5 inches across. **Shasta**. Large snow-white flowers.
- DELPHINIUM**. (Larkspur.) Old fashioned flowers, all shades of blue and purple, a long season of bloom if seed-pods are not allowed to form.
- DIGITALIS**—*Gloxinoides*. (Foxglove.) White and mixed colors.
- EULALIA**. Beautiful tall-growing ornamental grass. **Zebrina**. Green leaves crossed with yellow bands, fine large plumes. **Variegata**. Variation in color of the leaves runs lengthwise. **Univitatta**. Narrow dark green leaves with white mid-rib.
- FUNKIA**. (Day Lily.) Superb autumn flower. **Cordata**. White flower, yellowish-green leaves. **Variegata**. Yellow and green leaves, blue flowers. **Coerula**. Dark blue flowers, broad and glossy green foliage.
- GAILLARDIA**—*Grandiflora*. Blooms from early summer until frost, flowers 2 to 3 inches across, with centers of brownish red, petals shaded with rings of color.
- Gypsophila**. (Baby's Breath.) Very graceful, completely covered with tiny white flowers, and having a beautiful gauze-like appearance; 2 feet.
- HELIANTHUS**. (Hardy Sunflower.) **Maximiliana**. Latest bloomer, golden-yellow flowers in October; 5 to 7 feet. **Rigidus**. Blooms from July until frost, golden yellow with dark centers. **Tomentosus**. Blooms August and September; 4 feet.
- HIBISCUS**—*Crimson Eye*. Immense flowers of pure white, sometimes 6 inches in diameter, with large deep velvet-crimson spots in center, dark foliage, robust grower.
- HEMEROCALLIS**—*Flava*. (Yellow Day Lily.) Fragrant deep lemon-yellow flowers, blooming in June and July; 2½ to 3 feet.
- HOLLYHOCKS**. Once planted, they come up year after year. **Allegheny**. Fringed double flowering. **Separate Colors**—White, Lemon, Pink, Red and Maroon. **Mixed**, our selection, at 10c each, \$1.00 dozen.
- IRIS**—*Kaempferi*. Fleur-de-Lis, so popular in France; immense flowers in profusion. **Double and Single**, mixed colors. **German**, early, mixed colors.
- LOBELIA**—*Cardinalis*. Very showy, with large deep red blossoms on the upper stalk, needs plenty of moisture, blooms from July to September; 2 to 4 feet.
- LILY OF THE VALLEY**. No garden complete without some of these fragrant flowers for early spring blooming. 5c each, 40c per dozen.
- PAPAVER**—*Oriental*. (Oriental Poppy.) Enormous flowers, wide range of color.
- PEONIES**—*Delicatissima*. Extra large delicate rose-colored flower, changing to white.
- Festiva Alba**. Pure white. **Festiva Maxima**. Large size, center flaked with red.
- Officinalis Alba**. Pure white, large, early. **Officinalis Rosea**. Bright rose pink.
- Officinalis Rubra**. Brilliant glowing deep crimson. **Queen Victoria**. Rosy-white, with deep rose center. **Gigantea**. Large rosy-pink, rather late bloomer. 25c each.
- PHLOX**. Bloom from July until late autumn. **Coquelicot**. Orange scarlet, crimson center. **Richard Wallace**. White, violet center. **Euclaireur**. Rosy magenta with large lighter halo. **Jeanne d'Arc**. Pure white, late. **F.G. Von Lassburg**. Largest pure white. **Von-Hochberg**. Ideal, richest crimson. **B. Comte**. Glowing French purple. **Bridesmaid**. White, with crimson-carmine eye. **Mrs. Jenkins**. White, early, free bloomer. **R. P. Struthers**. Rosy carmine, claret-red eye. **Miss Lingard**. Grand free-flowering white. **Pantheon**. Bright carmine-rose. **Lothair**. Salmon-red, carmine eye. **Edmond Rostand**. Reddish violet, white star-shaped center.
- PLATYCODON**. Balloon Flower, or Japanese Bell Flower. **Solidago**. Golden rod.
- Statice**. Sea lavender. **Stockesia**. Blue corn flowers.
- RUDBECKIA**. (Cone Flower.) **Golden Glow**. Masses of Cactus-Dahlia-like flowers.
- Maxima**. Large glaucous green leaves, bright yellow flowers, 5 to 6 inches across.
- SWEET WILLIAM**. Large flowers, single and double, field grown clumps.
- YUCCA**—*Filamentosa*. (Adam's Needle.) 25c each.

HARDY SHRUBS AND VINES.

Price, 25c. each, \$2.50 per dozen, except where noted.

- AMPELOPSIS—Veitchii.** (Boston Ivy.) Dark green and tenacious wall climber.
ALTHEA. (Rose of Sharon.) Double flowers, blooming all summer.
ARISTOLOCHIA—Sipho. (Dutchman's Pipe.) Heart-shaped leaf, brownish flowers, magnificent, perfectly hardy vine of rapid growth. 50c each.
ARALIA—Spinosa. Hercules Club, Angelica Tree or Devil's Walking Stick. Odd tropical-looking plant, 10 to 15 feet high, prickly stems, pinnate leaves, white flowers.
AZALEA—Mollis. Large flowers, yellow, orange, carmine, etc. \$1.00 each.
BARBERRY—Purpurea. Purple foliage, yellow flowers, and blooming in the spring.
BERBERIS—Thunbergii. Beautiful Japanese variety, small foliage, beautiful tints.
CALYCANTHUS. Sweet-scented shrub, no garden is complete without it.
CLEMATIS—Flemula. Cream-colored and fluffy flowering vine. **Paniculata.** Sweet scented, flowers nearly white. **Jackmanii.** Large purple flowers. 50c each.
CERCIS—Canadensis. Judas Tree or Red Bud, small pink flowers. 50c each.
CHIONANTHUS—Virginica. White silken fringe flowers in bunches among the foliage.
CLETHRA—Alnifolia. White Alder or Sweet Pepper, long spikes, pure white flowers.
COCHORUS. (Globe Flowers.) Graceful shrub with double yellow flowers.
CRATEGUS—Oxyacantha. Fragrant English Hawthorn, double, red and white. 50c.
CORNUS. (Red Wood.) Beautiful red bark, flowers nearly white.
DEUTZIA—Crenata. Double, pink and white, 5 feet. **Gracilis.** Dwarf, white, early.
EXOCHORDIA—Grandiflora. New early flowering shrub, 4 feet.
FORSYTHIA—Suspensa. Weeping Golden Bell, willowy growth, graceful branches.
HYDRANGEA—Paniculata. Most desirable of all the hardy shrubs.
HONEYSUCKLE—Helleana. Pure white and blooms all summer. **Chinese Twining.** Pink flowers, blooms monthly. **Trumpet.** Old common red and yellow. **Aurea Reticulata.** Variagated foliage, splendid plant for vases.
KUDZU—Chinese. (Jack-and-the-Bean-Stalk Vine.) Phenomenal growth, sometimes 12 inches a day, rosy-purple pea-shape flowers, six or seven inches long, fragrant.
LILACS. Old favorite. Common White, Persian and Purple.
LIGUSTRUM—Ibota. Japanese Privet, dark green foliage and fragrant white flowers. **Regelianum.** Spreading branches, drooping ends, elegant and graceful variety
LONICERA—Fragrantissima. Chinese Fragrant Bush Honeysuckle, white flowers. **Tartarica.** Pink flowers. **Tartarica Alba.** Creamy-white flowers.
PHILADELPHUS. (Mock Orange.) Beautiful spikes of flowers in the early spring. **Coronarius.** Creamy white, sweet. **Pure White.** Largest flowers, not sweet.
PYRUS—Japonica. The Japan Quince, very showy and popular shrub, blooms very profusely, flowers of dazzling scarlet, makes an excellent hedge.
RHODODENDRON. Choice named sorts, \$1.00 to \$2.50 each.
RHUS COTINUS. Purple Fringe or Smoke Tree—low shrubby tree, covered in mid-summer with large clusters of feathery flowers, appearing like a cloud of smoke
SPIREA—Prunifolia. Most desirable, white flowers. **Anthony Waterer.** Bright crimson, blooms entire summer. **Thunbergii.** Delicate foliage, profusion of small white flowers. **Van Houttei.** Complete fountain of white bloom, 20 to 30 florets.
SAMBUCUS—Nigra Aurea. Golden elder, one of the best yellow foliage shrubs.
SYMPHORICARPUS—Racemosus. Snowberry, pink flowers, large white berries.
TAMARIX—Gallica. Light green feathery foliage, small delicate pink flowers, blooms in May. **Indica.** Strong grower, feathery plumes, pink flowers in late summer.
VIBURNUM. (Snowball.) Large balls of white flowers.
WIGELIA—Rosea. Neat dwarf shrub, soft rosy carmine leaves. **Nana Variegata.** Clearly defined variegation of pink, yellow and green leaves.
WISTARIA—Chinese Blue. Rapidly growing vine, 50 feet or more, soft lavender-blue flowers, fragrant, in masses like a bunch of grapes in the early spring.

HEDGE PLANTS.

We do not catalogue a long list of Hedge Plants, but name a few kinds we have selected as the most desirable. If wanted in large quantities write us for special prices

- California Privet.** Unsurpassed for hedges, handsome foliage of deep green, will grow to six feet, but can be easily pruned down, and the more it is cut down the thicker and handsomer it becomes. 6 for 50c., \$8.00 per 100.
Berberis Thunbergii. Attains a height of three feet, leaves small and oval, dark shiny green, yellow flowers, succeeded by scarlet fruit. 6 for \$1.00, \$15.00 per 100.
Japan Quince. Flowering plant with dark green foliage, scarlet fruit, rapid growing, five to six feet, and stands hard pruning. 6 for 75c., \$10.00 per 100.
Rosa Rugosa. Large single flowers, large brilliant berries, bright shiny green foliage, both red and white varieties, superb hedge plant. 6 for 75c., \$20.00 per 100.

BINDER FOLIO.

Name of Person

Enclosed is Cash, \$.

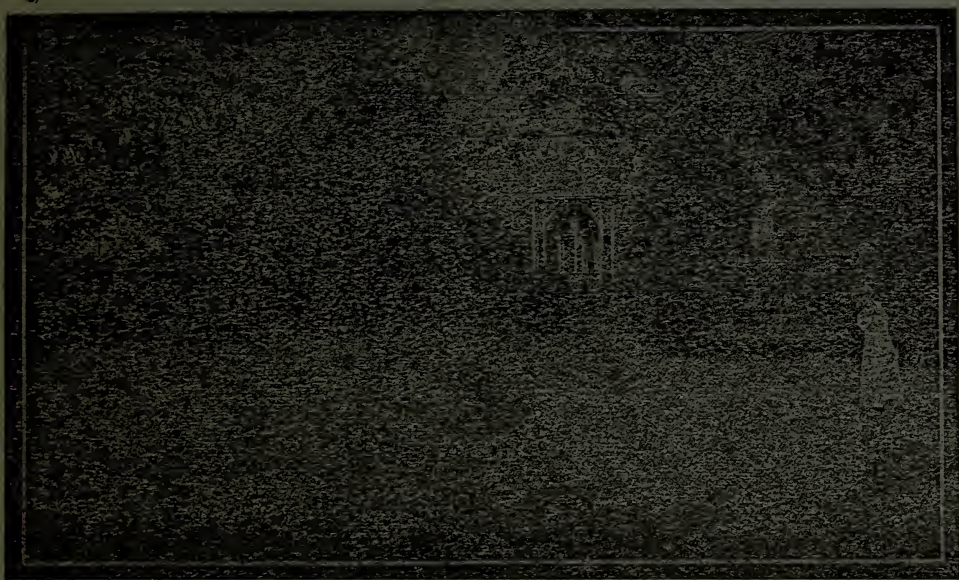
" Draft, \$.

“ P. O. Order, \$.

Date _____

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IMLAY'S SPECIAL LAWN GRASS MIXTURE—This mixture is made from our own formula, and composed of grasses specially adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire Summer and Fall. In making up this high grade mixture we are careful to use only the very finest quality of all the most desirable dwarf evergreen, recleaned, grasses, free from chaff and weeds, which thrive well on any soil, thus ensuring a beautiful and permanent lawn. To obtain good results Lawn Grass Seed should be sown as soon as the ground can be prepared in early Spring. It may also be sown in the Fall with good results. One pound will sow 600 square feet. Five pounds will sow 5,000 square feet. About four or five bushels per acre. Prices: 25c per lb.; 5 lbs. (peck) \$1.00; bushel (20 lbs.) \$3.50. If by mail add 10c per lb. for postage.

IMLAY'S SHADY PLACE GRASS—Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade. 35 cents per lb., 3 lbs. for \$1.00. Postage 10c lb. extra.

FERTILIZERS FOR THE LAWN

BONE MEAL—Our Bone Meal is evenly ground and especially adapted for drilling. For lawn use, 10 lbs. for 250 square feet. Price: 5lbs., 25c; 10 lbs., 40c; 25c lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.50.

BONE FLOUR—Is especially adapted to florists' use. Gives the best results. 5lbs., 25c; 10 lbs., 45c; 25 lbs., \$1.00; 100 lbs., \$2.50.

SHREDDED CATTLE MANURE—Very best to mix with soil in which to plant flowers and almost all kinds of plants. Thoroughly decomposed, almost odorless and ready to use. Put up in bags. 5 lbs., 25c; 10 lbs., 40c; 50 lbs., \$1.25; 100 lbs., \$2.00.

SHEEP MANURE (PULVERIZED)—A pure natural manure and very nutritious for plants. For potting soil, mix one part manure to six parts soil. For vegetable garden, place directly in hills or drills. Promotes a rapid, steady growth until maturity. Splendid top dressing for lawns. 5 lbs., 25c; 10 lbs., 40c; 50 lbs., \$1.25; 100 lbs., \$2.00.

HARD-WOOD ASHES—Splendid as a lawn dressing. Should be applied late in fall or early in spring. Apply at rate of 75 lbs. to 1,000 square feet. 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 75c; 100 lbs., \$1.50; per barrel, \$2.50.

WIZARD BRAND CONCENTRATED PLANT FOOD—For house plants, window boxes and flower beds. A thoroughly reliable high analysis product for home use. Not simply a chemical stimulant, but a real plant food. Analysis more than 3 per cent Nitrogen, 6 per cent Phosphoric Acid and 2 per cent Potash. 15c one-half pound package.

